987/v.1/pt. 15

1987
Census of Agriculture

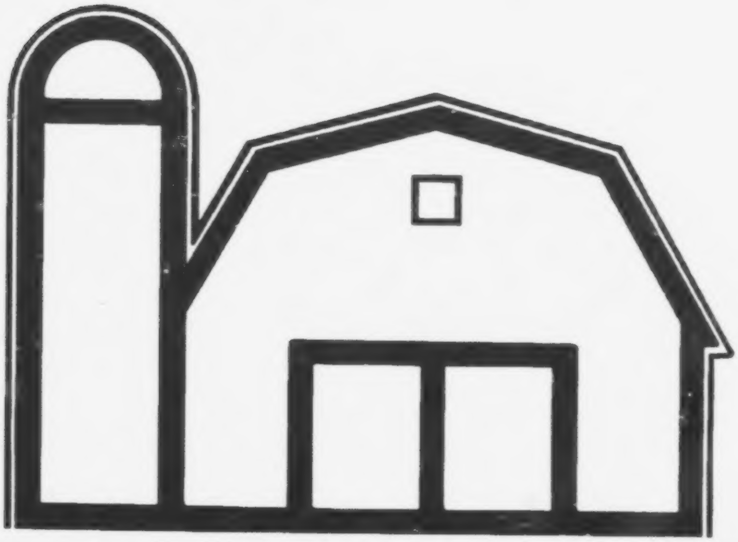
AC87-A-15

Volume 1
GEOGRAPHIC AREA SERIES

Part 15

Iowa

State and County Data



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Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations which helped establish data content.

Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

Special tribute is paid to the millions of farm and ranch operators who furnished the information requested. Only through their cooperation was it possible to collect and publish the data in this report.

If you have any questions concerning the statistics in this report, call:
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(301) 763-1113 General Information
(301) 763-8558 Statistical Methodology

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Issued June 1989

U.S. Department of Commerce
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BUREAU OF THE CENSUS

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HISTORY

The 1987 Census of Agriculture is the 23d taken by the U.S. Department of Commerce, Bureau of the Census. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, an agriculture census was taken as part of the decennial census. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, a census of agriculture was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

USES OF THE CENSUS

The census of agriculture is the leading source of statistics about the Nation's agricultural production and the only source of consistent, comparable data at the county, State, and national levels. Census statistics are used by Congress in developing and changing farm programs and for determining the effects of these programs. Many national and State programs are designed or allocated on the basis of census data, such as funds for extension services, research, and soil conservation projects. Private industry uses census statistics to provide a more effective production and distribution system for the agricultural community.

AUTHORITY AND AREA COVERED

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every fifth year after 1983 covering the prior year. The 1987 census includes each State, Puerto Rico, Guam, and the Virgin Island of the United States. A census of agriculture will be conducted in American Samoa and the Commonwealth of the Northern Mariana Islands in conjunction with the 1990 Census of Population and Housing.

FARM DEFINITION

Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has been changed nine times. The current definition, first used for the 1974 census, is any place from which $1,000 or more of agricultural products were produced and sold or normally would have been sold during the census year. The farm definition used for the outlying areas varies according to area. The report for each area includes a discussion of the farm definition.

COMPARABILITY OF DATA

Data on acreages and inventories for 1987 and 1982 are generally comparable. Dollar figures shown for expenses and agricultural product sales are expressed in current dollars and have not been adjusted for inflation or deflation. In general, data for censuses since 1974 are not fully comparable with data for 1969 and earlier censuses due to changes in the farm definition.

The 1978 U.S., region, and State data shown in the 1978 Census of Agriculture publications included data for farms on the mail list plus estimates from an area sample for farms not on the mail list. For comparability, the 1978 data in the 1987 publications include only farms on the mail list.

TABULAR PRESENTATION

State data—Tables 1 through 47 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 48 through 53 provide 1987 State data cross-tabulated by various farm classifications.

County data—Chapter 2 presents selected data items by county. Tables 1 through 16 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 17 through 36 include only counties reporting the data item. Counties not having the item, or with a limited number of farms reporting the item, have data combined and presented as "all other counties."

ADVANCE REPORTS

Advance reports of 1987 census data have been published separately for each county with 10 farms or more, each State, and the United States. This series provided, at the earliest possible date, final data on major data items together with comparable final data from the 1982 census. Data items are standard across States except information on selected crops harvested, which vary by State according to their relative importance in the State.

ELECTRONIC DATA DISSEMINATION

The volume 1 data are available on computer tapes and compact disc. The advance report data are available on computer tapes, computer diskettes, and through electronic data services such as the AGRIDATA network, the CENDATA package on Dialog, CompuServe on-line services, and the Census Bureau's State Data Center Bulletin Board. Computer tapes, diskettes, and compact discs are sold by the Customer Services Branch, Data User Services Division, Bureau of the Census, Washington, D.C. 20233 (telephone (301) 763-4100).

SPECIAL TABULATIONS

Custom designed tabulations can be developed to individual user specifications on a programming cost reimbursable basis. Inquiries about special tabulations should be directed to the Chief, Agriculture Division, Bureau of the Census, Washington, D.C. 20233.

CENSUS DISCLOSURE RULES

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification, such as size of farm, is not considered a release of confidential information and is provided even though other information is withheld.

INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31 of the census year. Crop and livestock production, sales, and expense data are for the calendar year, except for a few crops (such as citrus) for which the production year overlaps the calendar year.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

–	Represents zero.
(D)	Withheld to avoid disclosing data for individual farms.
(IC)	Independent city.
(NA)	Not available.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate (associated relative standard error) or a consistency review.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
cwt	Hundredweight.
sq ft	Square feet.

Highlights of the State's Agriculture: 1987 and 1982

[Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text.]

Item		All farms		
		1987	1982	Percent change from 1982 to 1987
Farms	number	105 180	115 413	-8.9
Land in farms	acres	31 638 130	32 611 984	-3.0
Average size of farm	acres	301	283	6.4
Value of land and buildings[1]:				
Average per farm	dollars	283 597	471 011	-39.8
Average per acre	dollars	947	1 684	-43.8
Farms by size:				
1 to 9 acres		7 974	7 910	.8
10 to 49 acres		10 961	12 322	-10.9
50 to 179 acres		27 556	30 959	-11.0
180 to 499 acres		39 071	46 259	-15.5
500 to 999 acres		15 674	14 858	6.8
1,000 to 1,999 acres		3 401	2 796	21.6
2,000 acres or more		323	309	4.5
Harvested cropland	farms	92 878	103 644	-10.4
	acres	20 484 178	24 137 670	-15.1
Irrigated land	farms	851	616	38.1
	acres	92 247	91 427	.9
Market value of agricultural products sold	$1,000	8 926 799	9 828 932	-9.2
Average per farm	dollars	84 872	85 163	-.3
Crops, including nursery and greenhouse crops	$1,000	3 660 117	4 143 086	-11.7
Grains	$1,000	3 563 323	4 042 552	-11.9
Cotton and cottonseed	$1,000	-	-	-
Tobacco	$1,000	-	-	-
Hay, silage, and field seeds	$1,000	46 480	57 638	-19.4
Vegetables, sweet corn, and melons	$1,000	7 541	4 267	76.7
Fruits, nuts, and berries	$1,000	2 853	2 267	25.8
Nursery and greenhouse crops	$1,000	38 241	34 954	9.4
Other crops	$1,000	1 678	1 408	19.2
Livestock, poultry, and their products	$1,000	5 266 682	5 685 846	-7.4
Poultry and poultry products	$1,000	192 229	164 052	17.2
Dairy products	$1,000	392 284	426 730	-8.1
Cattle and calves	$1,000	2 124 641	2 500 175	-15.0
Hogs and pigs	$1,000	2 494 231	2 550 488	-2.2
Sheep, lambs, and wool	$1,000	46 157	26 703	72.9
Other livestock and livestock products (see text)	$1,000	17 139	17 698	-3.2
Farms by type of organization:				
Individual or family (sole proprietorship)		89 188	97 610	-8.6
Partnership		11 088	13 213	-16.1
Corporation		4 404	4 110	7.2
Other—cooperative, estate or trust, institutional, etc.		500	480	4.2
Operators by principal occupation:				
Farming		75 279	86 041	-12.5
Other		29 901	29 372	1.8
Operators by days worked off farm:				
Any		46 229	48 480	-4.6
200 days or more		25 928	25 240	2.7
Average age of operator	years	49.3	47.6	3.6
Total farm production expenses[1]	$1,000	6 647 645	(NA)	(NA)
Selected farm production expenses[1]:				
Livestock and poultry purchased	$1,000	1 358 161	1 536 601	-11.6
Feed for livestock and poultry	$1,000	1 101 866	1 214 715	-9.3
Commercial fertilizer[2]	$1,000	467 355	562 767	-17.0
Agricultural chemicals[2]	$1,000	309 894	331 924	-6.6
Petroleum products	$1,000	315 061	536 937	-41.3
Hired farm labor	$1,000	282 515	222 146	27.2
Interest expense[3]	$1,000	579 338	1 015 561	-43.0
Livestock and poultry inventory:				
Cattle and calves	farms	49 469	62 412	-20.7
	number	4 303 682	5 822 488	-26.1
Milk cows	farms	7 748	10 485	-26.1
	number	294 888	339 664	-13.2
Hogs and pigs	farms	36 670	45 768	-19.9
	number	12 983 074	14 332 644	-9.4
Chickens 3 months old or older	farms	4 897	7 637	-35.9
	number	9 580 666	9 584 663	(Z)
Selected crops harvested:				
Corn for grain or seed	farms	83 301	92 462	-9.9
	acres	10 147 051	12 880 050	-21.2
Corn for silage or green chop	farms	7 934	17 412	-54.4
	acres	205 176	536 645	-61.8
Wheat for grain	farms	1 345	2 731	-50.8
	acres	31 047	98 688	-68.5
Oats for grain	farms	25 398	35 752	-29.0
	acres	544 907	811 716	-32.9
Soybeans for beans	farms	68 278	73 175	-6.7
	acres	7 903 395	8 044 305	-1.8
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	48 271	56 372	-14.4
	acres	1 968 207	2 035 033	-3.3

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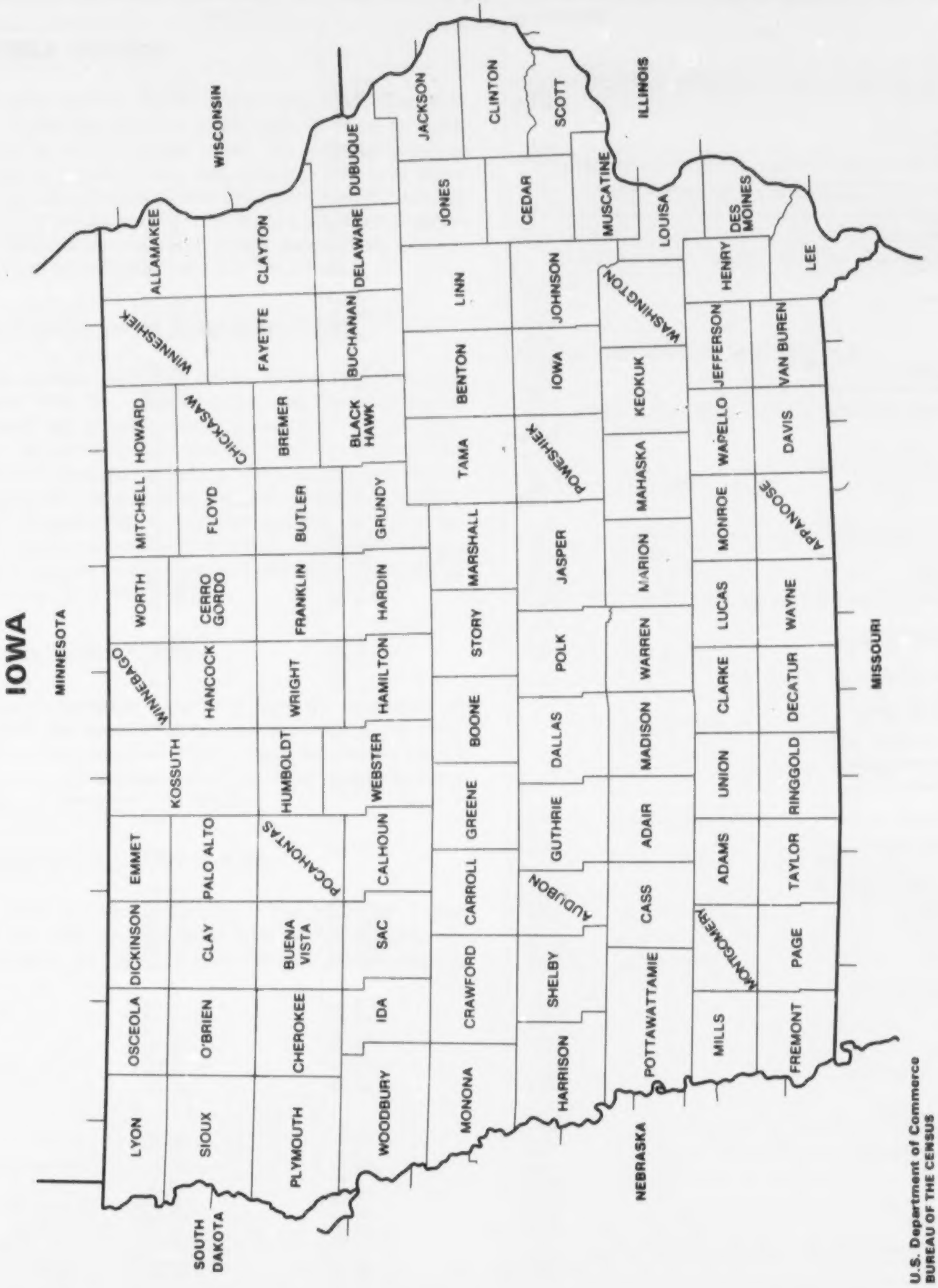
[1] Data are based on a sample of farms.
[2] Data for 1987 include cost of custom applications.
[3] Data for 1982 do not include imputation for item nonresponse.

Figure 1. **State Map**


IOWA
MINNESOTA
WISCONSIN
ILLINOIS
MISSOURI
NEBRASKA
SOUTH DAKOTA
LYON
OSCEOLA
DICKINSON
EMMET
KOSSUTH
WINNEBAGO
WORTH
MITCHELL
HOWARD
WINNESHIEK
ALLAMAKEE
SIOUX
O'BRIEN
CLAY
PALO ALTO
HANCOCK
CERRO GORDO
FLOYD
CHICKASAW
FAYETTE
CLAYTON
PLYMOUTH
CHEROKEE
BUENA VISTA
POCAHONTAS
HUMBOLDT
WRIGHT
FRANKLIN
BUTLER
BREMER
BUCHANAN
DELAWARE
DUBUQUE
WOODBURY
IDA
SAC
CALHOUN
WEBSTER
HAMILTON
HARDIN
GRUNDY
BLACK HAWK
MONONA
CRAWFORD
CARROLL
GREENE
BOONE
STORY
MARSHALL
TAMA
BENTON
LINN
JONES
JACKSON
HARRISON
SHELBY
AUDUBON
GUTHRIE
DALLAS
POLK
JASPER
POWESHIEK
IOWA
JOHNSON
CEDAR
CLINTON
SCOTT
MUSCATINE
POTTAWATTAMIE
CASS
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WASHINGTON
LOUISA
MILLS
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WAYNE
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Figure 2. **Profile of State's Agriculture: 1987**

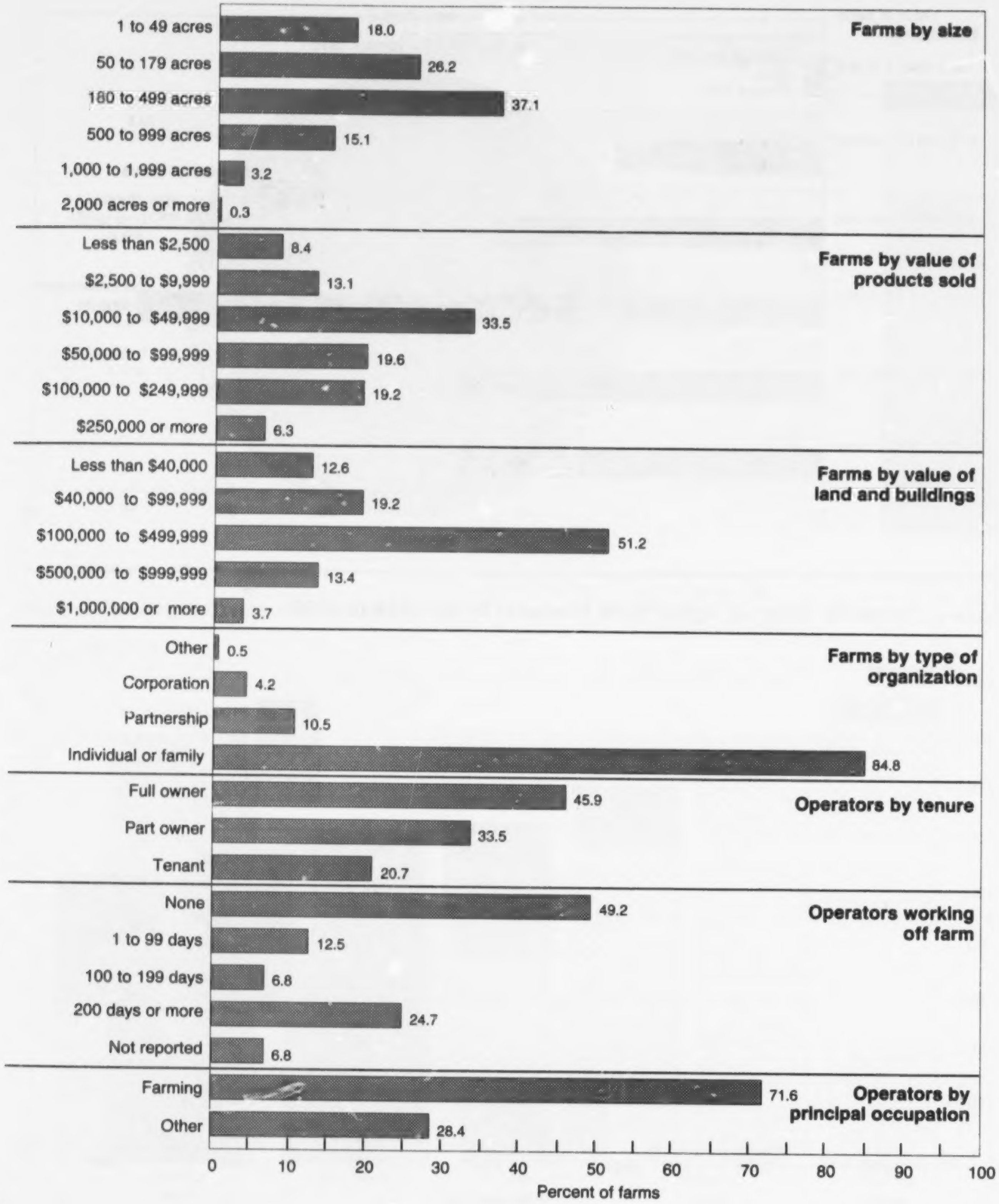

Figure 3. **Percent of Farms and of Value of Products Sold: 1987**

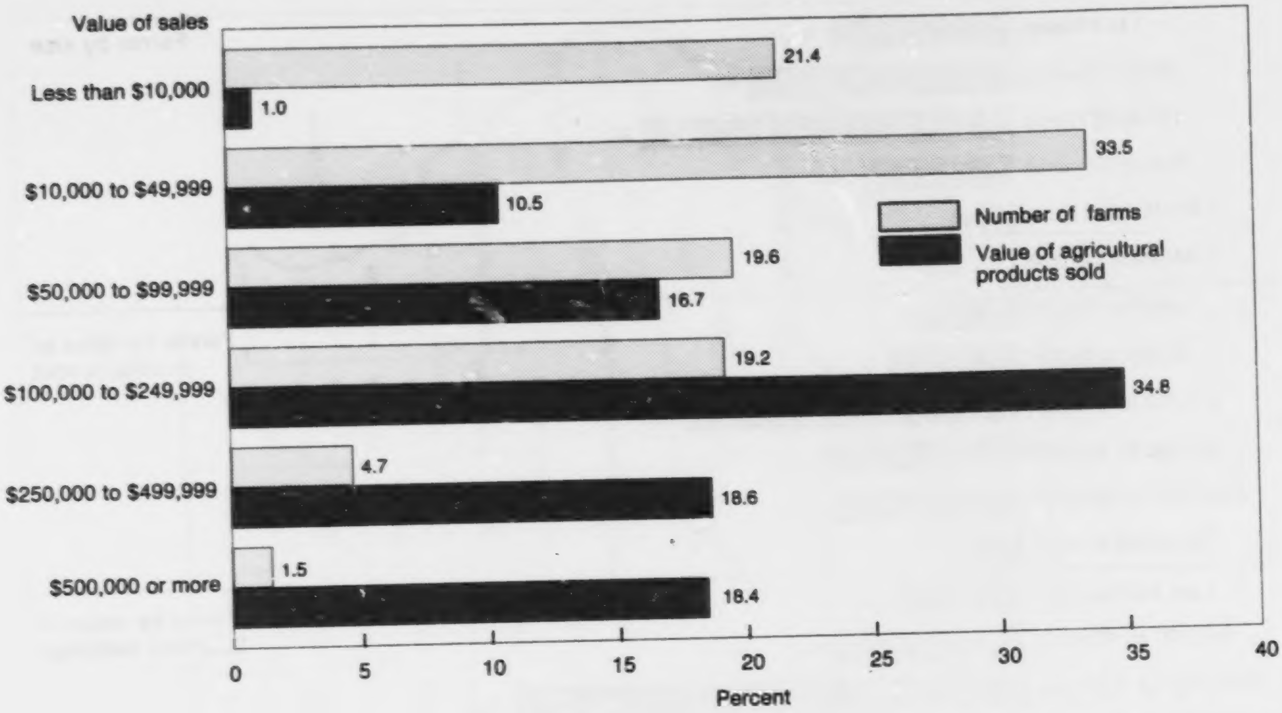

Figure 4. **Farms by Value of Agricultural Products Sold: 1959 to 1987**

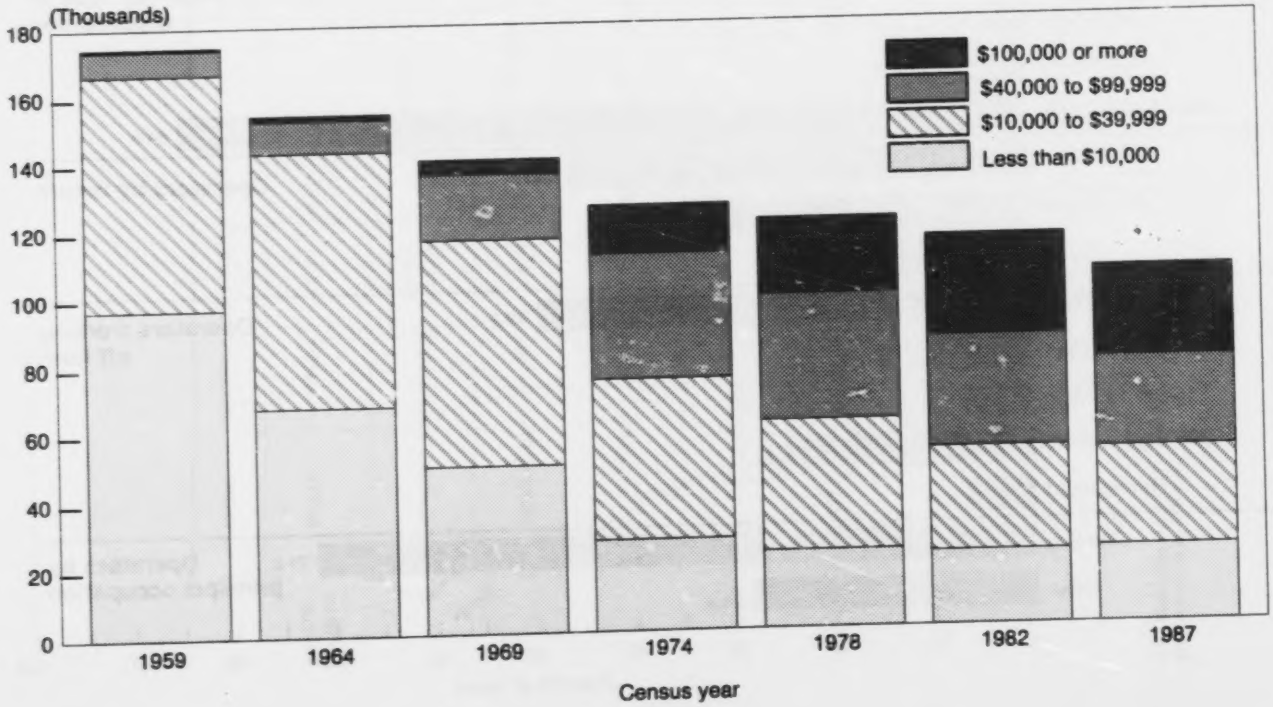

Figure 5. **Land Use: 1987**

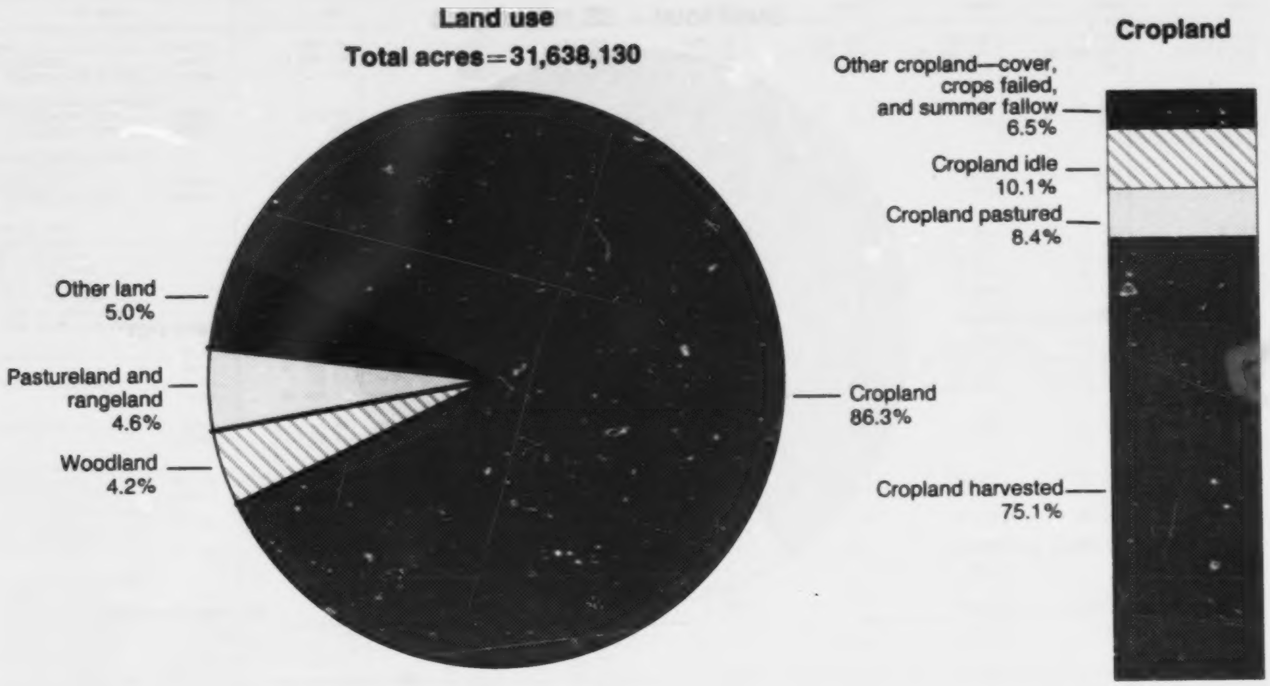

Figure 6. **Selected Crops Harvested: 1987**

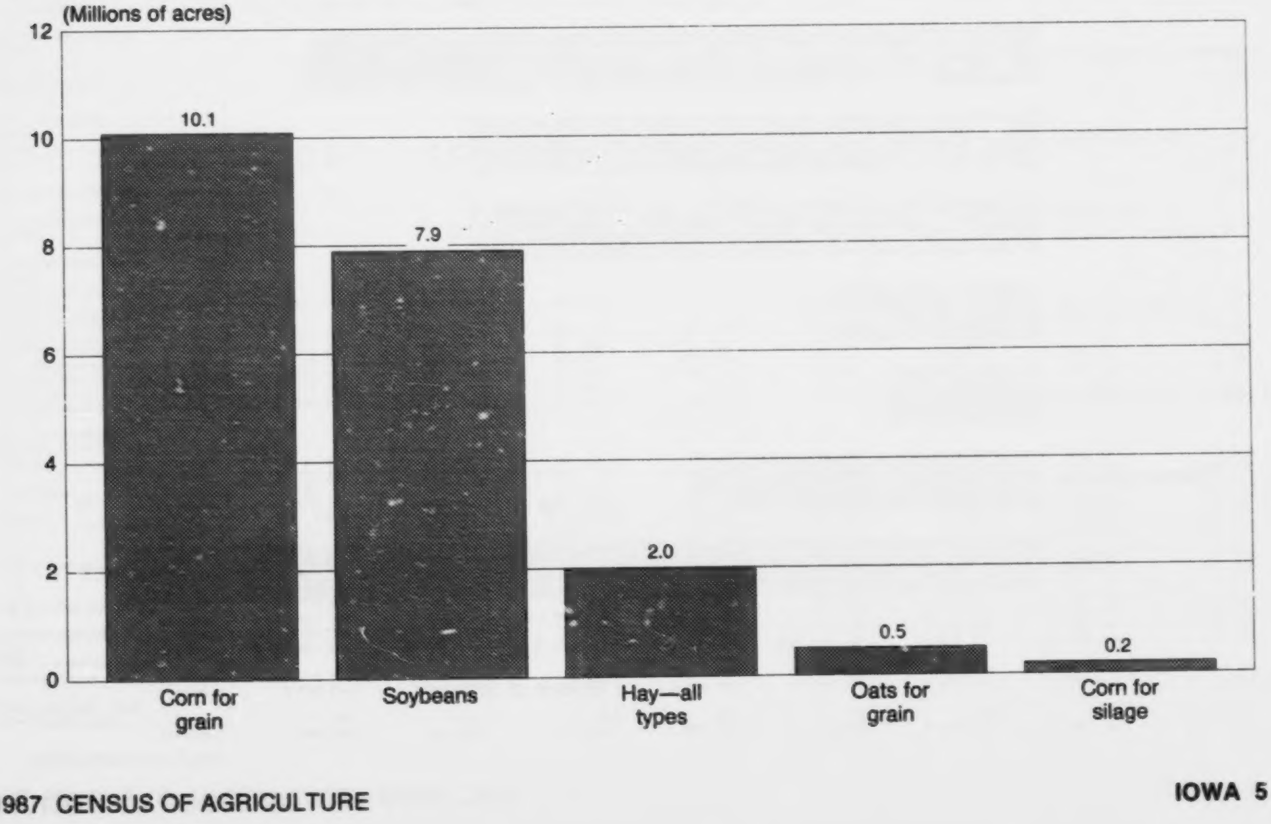

Figure 7. **Value of Livestock and Poultry Sold: 1987**

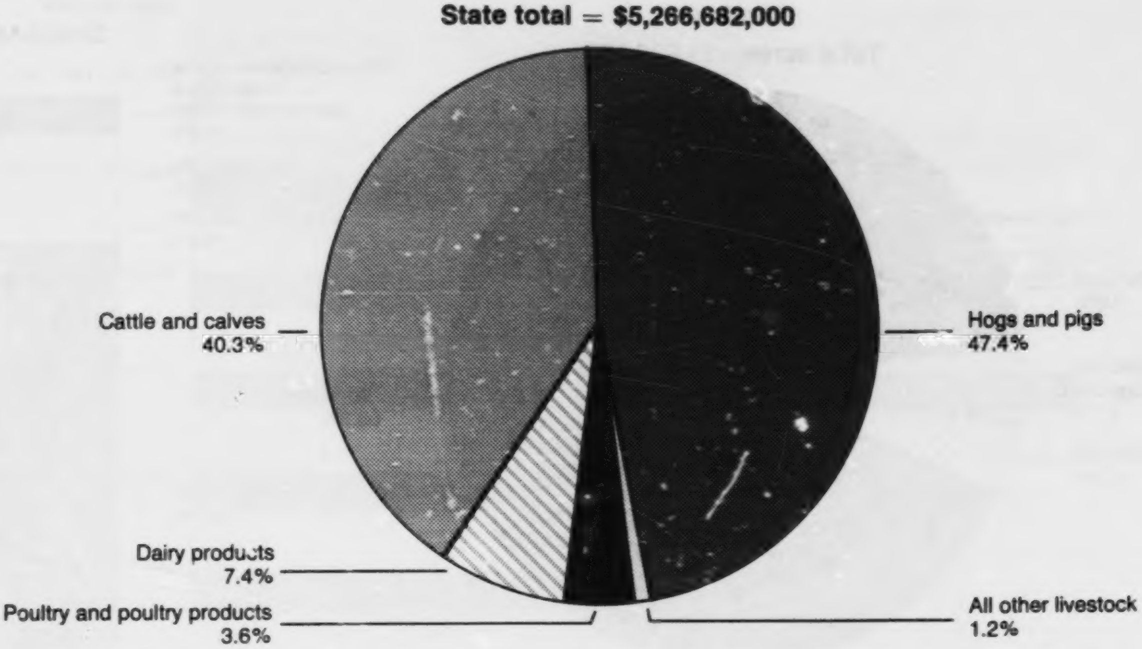

Figure 8. **Production Expenses: 1987**

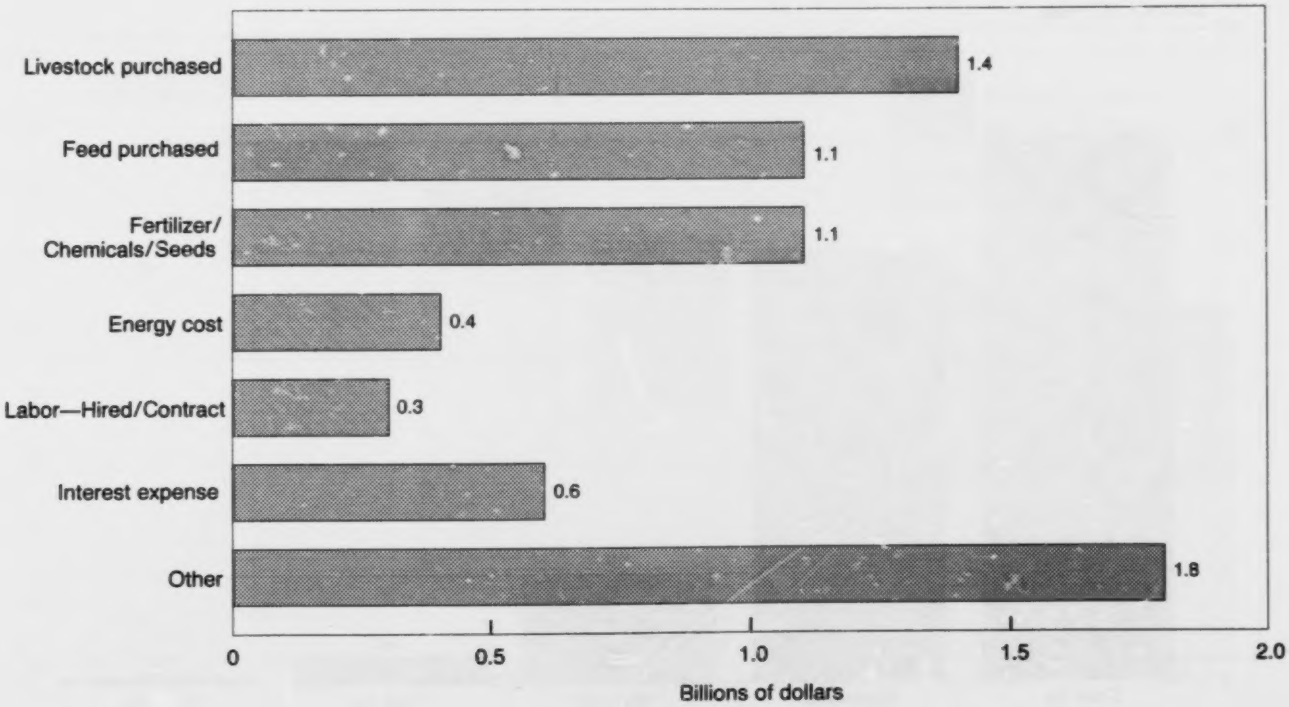

Table 1. Historical Highlights: 1987 and Earlier Census Years

[For meaning of abbreviations and symbols, see introductory text]

All farms		1987	1982	1978	1974	1969	1964	1959	1954
Farms	number	105 180	115 413	121 339	126 104	140 354	154 162	174 707	192 933
Land in farms	acres	31 638 130	32 611 984	33 258 233	33 044 766	33 569 629	33 758 321	33 830 950	34 044 533
Average size of farm	acres	301	283	274	262	239	219	194	177
Value of land and buildings[1]:									
Average per farm	dollars	283 597	471 011	427 161	188 370	93 694	59 553	49 150	35 090
Average per acre	dollars	947	1 664	1 548	719	392	272	254	199
Estimated market value of all machinery and equipment[1]	$1,000	5 543 375	6 731 271	5 774 996	3 527 520	1 683 486	(NA)	(NA)	(NA)
Average per farm	dollars	52 844	58 398	47 666	28 966	12 290	(NA)	(NA)	(NA)
Farms by size:									
1 to 9 acres		7 974	7 910	6 610	5 051	5 637	4 324	5 457	9 138
10 to 49 acres		10 981	12 322	11 342	9 841	9 586	11 156	13 727	14 402
50 to 179 acres		27 556	30 959	34 898	40 146	48 256	58 301	75 553	93 069
180 to 499 acres		39 071	46 259	51 974	56 692	65 998	72 790	75 150	72 769
500 to 999 acres		15 874	14 858	14 109	12 578	9 865	6 999	4 475	3 284
1,000 to 1,999 acres		3 401	2 796	2 152	1 646	928	532	345	271
2,000 acres or more		323	309	254	150	84	60		
Total cropland	farms	96 749	106 859	114 391	120 559	134 143	148 055	166 224	183 269
	acres	27 290 868	27 580 749	28 063 990	27 278 052	27 738 852	26 356 116	26 402 004	25 981 414
Harvested cropland	farms	92 878	103 644	111 379	116 863	128 791	143 701	162 116	180 454
	acres	20 484 178	24 137 670	23 622 212	23 085 329	19 266 658	19 951 672	22 873 407	22 444 290
Irrigated land	farms	851	616	739	348	269	291	313	132
	acres	92 247	91 427	100 770	39 417	20 664	21 528	18 181	2 396
Market value of agricultural products sold[2]	$1,000	8 926 799	9 828 932	8 172 960	6 319 637	3 655 512	2 596 544	2 284 110	1 839 989
Average per farm	dollars	84 872	85 163	67 356	50 114	26 044	16 843	13 074	9 537
Crops, including nursery and greenhouse crops	$1,000	3 660 117	4 143 086	3 133 218	2 800 973	886 284	733 378	496 297	451 528
Livestock, poultry, and their products	$1,000	5 266 682	5 685 846	5 039 742	3 517 658	2 768 051	1 861 768	1 787 174	1 388 007
Farms by value of sales[3]:									
Less than $2,500		8 799	8 092	6 721	9 608	17 322	20 654	25 926	36 725
$2,500 to $4,999		5 498	5 535	6 234	6 399	11 756	15 390	23 547	33 818
$5,000 to $9,999		8 252	8 230	9 901	11 002	20 543	31 546	47 428	59 884
$10,000 to $24,999[4]		17 436	17 531	21 822	84 747	86 346	85 065	77 709	52 164
$25,000 to $49,999[5]		17 752	20 458	25 887				-	10 302
$50,000 to $99,999		20 656	25 735	28 293				-	-
$100,000 to $499,999		25 157	28 128	21 419	13 822	4 193	1 445	-	-
$500,000 or more		1 630	1 660	966	451	132		-	-
Farms by type of organization:									
Individual or family (sole proprietorship)		89 188	97 610	103 884	(NA)	(NA)	(NA)	(NA)	(NA)
Partnership		11 088	13 213	14 345	(NA)	(NA)	(NA)	(NA)	(NA)
Corporation		4 404	4 110	2 668	(NA)	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.		500	480	442	(NA)	(NA)	(NA)	(NA)	(NA)
Operators by days worked off farm[6]:									
None		51 753	55 958	62 890	56 414	(NA)	(NA)	(NA)	126 067
Any		46 229	48 480	51 057	36 253	59 074	53 238	53 793	61 223
200 days or more		25 928	25 240	25 073	20 278	24 906	19 192	17 313	15 526
Operators by principal occupation[6]:									
Farming		75 279	86 041	92 309	102 163	(NA)	(NA)	(NA)	(NA)
Other		29 901	29 372	29 030	22 512	(NA)	(NA)	(NA)	(NA)
Average age of operator[6]	years	49.3	47.6	47.5	49.3	48.5	48.5	47.7	47.0
Total farm production expenses[1]	$1,000	6 647 645	(NA)	(NA)	4 276 217	2 790 717	(NA)	(NA)	(NA)
Selected farm production expenses[1]:									
Livestock and poultry purchased	$1,000	1 358 161	1 536 601	1 519 139	1 018 548	688 254	526 204	535 437	(NA)
Feed for livestock and poultry	$1,000	1 101 866	1 214 715	1 033 523	881 383	593 256	443 782	418 340	330 359
Commercial fertilizer[7]	$1,000	467 355	562 767	481 090	394 965	146 486	88 365	(NA)	(NA)
Petroleum products	$1,000	315 061	536 937	293 963	204 875	121 911	106 960	97 190	84 263
Hired farm labor	$1,000	282 515	222 146	192 667	108 412	79 039	57 626	59 060	54 108
Interest expense[8]	$1,000	579 338	1 015 561	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals[7]	$1,000	309 894	331 924	208 549	139 620	56 611	(NA)	(NA)	(NA)
Livestock and poultry:									
Cattle and calves inventory	farms	49 469	62 412	69 226	79 851	96 738	124 407	145 351	172 323
	number	4 303 682	5 822 488	6 531 710	6 658 298	7 020 754	7 284 905	6 479 829	6 062 002
Beef cows	farms	32 279	41 117	44 755	52 930	(NA)	65 042	(NA)	(NA)
	number	1 123 745	1 536 397	1 606 685	1 868 308	1 548 103	1 247 101	961 605	1 014 790
Milk cows	farms	7 748	10 485	12 623	18 213	30 005	59 673	92 730	138 142
	number	294 858	339 664	339 469	399 573	476 944	735 647	830 586	1 041 116
Cattle and calves sold	farms	50 509	62 765	70 693	81 011	99 981	123 505	141 538	157 190
	number	3 539 020	4 595 676	5 457 944	5 018 819	5 954 623	5 142 522	4 481 521	3 413 809
Hogs and pigs inventory	farms	36 670	45 768	57 325	59 582	83 251	106 184	134 503	151 508
	number	12 983 074	14 332 644	14 695 418	11 476 589	13 438 546	13 674 088	14 789 165	13 283 683
Hogs and pigs sold	farms	36 638	49 012	60 065	66 336	88 196	108 909	136 844	152 368
	number	23 483 812	23 801 117	22 082 311	19 359 946	20 626 437	19 872 227	18 5[illegible] 848	14 101 563
Chickens 3 months old or older inventory[9]	farms	4 897	7 637	10 050	16 038	29 984	73 804	119 149	156 134
	number	9 580 666	9 584 663	9 343 813	9 816 088	11 154 735	19 503 609	26 700 633	30 128 595
Broilers and other meat-type chickens sold	farms	1 060	1 041	1 142	1 337	775	106	163	282
	number	666 016	429 389	675 938	658 267	474 699	1 906 367	2 553 191	949 715

See footnotes at end of table.

Table 1. **Historical Highlights: 1987 and Earlier Census Years**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All farms		1987	1982	1978	1974	1969	1964	1959	1954
Selected crops harvested:									
Corn for grain or seed	farms	83 301	92 462	100 984	106 135	116 162	133 918	155 167	173 403
	acres	10 147 051	12 880 050	12 664 796	11 865 605	9 480 821	9 612 937	11 997 052	9 781 067
	bushels	1 274 388 348	1 466 953 043	1 389 912 254	930 743 547	912 535 502	734 502 692	779 212 766	529 842 244
Oats for grain	farms	25 398	35 752	39 710	(NA)	(NA)	87 530	127 849	159 178
	acres	544 907	811 716	866 584	(NA)	(NA)	2 233 231	4 207 628	5 912 507
	bushels	30 918 660	45 769 302	49 306 361	(NA)	(NA)	107 339 285	184 066 771	221 524 409
Soybeans for beans	farms	68 278	73 175	78 579	82 952	80 892	86 639	64 374	70 701
	acres	7 903 395	8 044 305	7 420 662	6 905 647	5 175 280	4 173 021	2 332 161	2 109 821
	bushels	326 061 351	291 189 890	265 870 667	180 916 604	165 975 386	116 215 629	62 106 812	55 615 114
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	48 271	56 372	64 657	72 217	84 168	(NA)	(NA)	(NA)
	acres	1 968 207	2 035 033	2 265 255	2 259 243	2 269 783	3 201 635	3 564 857	3 913 114
	tons, dry	5 612 944	6 201 756	6 728 666	5 896 261	6 166 678	7 643 516	8 140 050	6 873 489

[1] Data are based on a sample of farms.
[2] Data for 1974 and prior years include the value of forest products sold.
[3] Data for 1982 and prior years exclude abnormal farms.
[4] Data for 1959 are for $10,000 or more.
[5] Data for 1954 are for $25,000 or more.
[6] Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships; see text.
[7] Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.
[8] Data for 1982 do not include imputation for item nonresponse.
[9] Data for 1964 and prior years are for chickens 4 months old or older.

Table 2. Market Value of Agricultural Products Sold: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Item		1987	Percent of total in 1987	1982	1978
Total sales (see text)	farms	105 180	100.0	115 413	121 339
	$1,000	8 926 799	100.0	9 826 932	8 172 960
Average per farm	dollars	84 872	(X)	85 163	67 356
Value of sales[1]:					
Less than $1,000 (see text)	farms	3 782	3.6	3 219	1 625
	$1,000	1 254	(Z)	1 133	759
$1,000 to $2,499	farms	5 017	4.8	4 873	5 096
	$1,000	8 372	.1	8 192	8 586
$2,500 to $4,999	farms	5 496	5.2	5 535	6 234
	$1,000	20 091	.2	20 187	22 971
$5,000 to $9,999	farms	8 252	7.8	8 230	9 901
	$1,000	60 139	.7	60 106	72 725
$10,000 to $19,999	farms	12 427	11.8	12 276	15 306
	$1,000	182 050	2.0	181 106	225 257
$20,000 to $24,999	farms	5 009	4.8	5 256	6 514
	$1,000	112 042	1.3	117 499	145 362
$25,000 to $39,999	farms	11 756	11.2	13 163	16 809
	$1,000	375 819	4.2	424 231	539 629
$40,000 to $49,999	farms	5 996	5.7	7 295	9 078
	$1,000	267 940	3.0	326 300	405 062
$50,000 to $99,999	farms	20 656	19.6	25 735	28 293
	$1,000	1 493 083	16.7	1 855 005	2 013 006
$100,000 to $249,999	farms	20 200	19.2	22 929	18 161
	$1,000	3 103 103	34.8	3 491 069	2 653 697
$250,000 to $499,999	farms	4 957	4.7	5 199	3 258
	$1,000	1 659 468	18.6	1 745 534	1 069 944
$500,000 to $999,999[2]	farms	1 220	1.2	1 660	986
	$1,000	803 090	9.0	1 592 815	968 401
$1,000,000 or more	farms	410	.4	-	-
	$1,000	840 349	9.4	-	-
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	83 940	79.8	92 378	99 767
	$1,000	3 660 117	41.0	4 143 086	3 133 218
Grains	farms	81 042	77.1	89 676	96 353
	$1,000	3 563 323	39.9	4 042 552	3 020 845
Corn for grain	farms	72 356	68.8	76 287	(NA)
	$1,000	1 961 527	22.0	2 459 061	(NA)
Wheat	farms	1 186	1.1	2 605	(NA)
	$1,000	2 726	(Z)	8 447	(NA)
Soybeans	farms	68 166	64.8	73 043	(NA)
	$1,000	1 573 168	17.6	1 541 808	(NA)
Sorghum for grain	farms	57	.1	118	(NA)
	$1,000	477	(Z)	812	(NA)
Barley	farms	81	.1	(NA)	(NA)
	$1,000	116	(Z)	(NA)	(NA)
Oats	farms	11 842	11.3	15 064	(NA)
	$1,000	19 604	.2	26 314	(NA)
Other grains[3]	farms	677	.6	486	(NA)
	$1,000	5 705	.1	6 310	(NA)
Cotton and cottonseed	farms	-	-	-	-
	$1,000	-	-	-	-
Tobacco	farms	-	-	-	-
	$1,000	-	-	-	-
Hay, silage, and field seeds	farms	12 947	12.3	14 589	19 211
	$1,000	46 480	.5	57 638	70 783
Vegetables, sweet corn, and melons	farms	596	.6	415	519
	$1,000	7 541	.1	4 267	4 706
Fruits, nuts, and berries	farms	371	.4	280	238
	$1,000	2 853	(Z)	2 267	2 075
Nursery and greenhouse crops	farms	357	.3	333	318
	$1,000	38 241	.4	34 954	33 587
Other crops	farms	99	.1	74	92
	$1,000	1 678	(Z)	1 406	1 222
Livestock, poultry, and their products	farms	72 436	68.9	85 613	93 571
	$1,000	5 266 682	59.0	5 685 846	5 039 742
Poultry and poultry products	farms	3 643	3.5	5 208	7 168
	$1,000	192 229	2.2	164 052	144 609
Dairy products	farms	7 048	6.7	8 850	10 555
	$1,000	392 284	4.4	426 730	313 780
Cattle and calves	farms	50 509	48.0	62 765	70 683
	$1,000	2 124 641	23.8	2 500 175	2 483 937
Hogs and pigs	farms	38 638	36.7	49 012	60 065
	$1,000	2 494 231	27.9	2 550 468	2 061 296
Sheep, lambs, and wool	farms	8 922	8.5	10 484	9 066
	$1,000	46 157	.5	26 703	24 468
Other livestock and livestock products (see text)	farms	3 417	3.2	3 705	3 289
	$1,000	17 139	.2	17 698	11 650

[1] Data for 1982 and 1978 exclude abnormal farms.
[2] Data for 1982 and 1978 are for $500,000 or more.
[3] Data for 1982 include barley.

Table 3. Farm Production Expenses: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		1987			
		Farms	Expenses ($1,000)	1982	1978
Total farm production expenses	farms	105 184	(X)	(NA)	(NA)
	$1,000	(X)	6 647 645	(NA)	(NA)
Average per farm	dollars	(X)	63 200	(NA)	(NA)
Farms with expenses of–					
$1 to $4,999		13 106	35 627	(NA)	(NA)
$5,000 to $9,999		11 651	86 257	(NA)	(NA)
$10,000 to $24,999		23 067	387 877	(NA)	(NA)
$25,000 to $49,999		20 133	726 934	(NA)	(NA)
$50,000 to $99,999		19 895	1 420 969	(NA)	(NA)
$100,000 to $249,999		13 677	2 001 186	(NA)	(NA)
$250,000 to $499,999		2 626	885 453	(NA)	(NA)
$500,000 or more		1 029	1 103 340	(NA)	(NA)
Livestock and poultry purchased	farms	46 066	(X)	53 457	62 787
	$1,000	(X)	1 358 161	1 536 601	1 519 139
	percent of total	(X)	20.4	(NA)	(NA)
Farms with expenses of–					
$1 to $999		7 278	3 416	10 673	14 632
$1,000 to $4,999		13 617	34 552	14 305	16 150
$5,000 to $9,999		6 821	47 351	6 658	8 443
$10,000 to $24,999[1]		8 111	130 780	14 963	23 562
$25,000 to $49,999		4 755	169 031		-
$50,000 to $99,999		3 056	208 861	6 838	-
$100,000 to $249,999		1 662	250 500		-
$250,000 or more		766	513 669		-
Feed for livestock and poultry	farms	64 752	(X)	78 070	87 743
	$1,000	(X)	1 101 866	1 214 715	1 033 523
	percent of total	(X)	16.6	(NA)	(NA)
Farms with expenses of–					
$1 to $999		13 383	5 926	17 063	20 746
$1,000 to $4,999		17 986	44 737	21 628	27 400
$5,000 to $9,999		9 414	66 623	11 755	15 017
$10,000 to $24,999[1]		12 662	200 312	25 407	24 580
$25,000 to $49,999		6 792	233 516		-
$50,000 to $79,999		2 408	148 280		-
$80,000 to $99,999		646	56 588	2 217	-
$100,000 or more		1 461	345 682		-
Commercially mixed formula feeds	farms	33 282	(X)	38 512	41 719
	$1,000	(X)	475 104	539 236	466 358
	percent of total	(X)	7.1	(NA)	(NA)
Farms with expenses of–					
$1 to $999		7 666	3 135	6 634	7 336
$1,000 to $4,999		9 968	25 281	11 717	14 444
$5,000 to $9,999		5 228	36 639	6 835	8 175
$10,000 to $24,999[1]		6 124	95 328	11 476	11 764
$25,000 to $49,999		2 646	89 005		-
$50,000 to $79,999		899	54 803	1 850	-
$80,000 or more		751	170 913		-
Seeds, bulbs, plants, and trees	farms	88 807	(X)	98 770	105 943
	$1,000	(X)	308 197	313 092	232 130
	percent of total	(X)	4.6	(NA)	(NA)
Farms with expenses of–					
$1 to $499		11 809	2 979	13 191	19 962
$500 to $999		11 265	8 177	12 110	17 470
$1,000 to $4,999		45 976	116 166	54 568	58 920
$5,000 to $9,999		14 205	96 193	14 310	7 829
$10,000 to $19,999		4 806	60 861	3 909	1 490
$20,000 to $24,999		415	8 891	682	272
$25,000 or more		331	14 930		
Commercial fertilizer[2]	farms	83 067	(X)	86 632	98 993
	$1,000	(X)	467 355	562 767	481 090
	percent of total	(X)	7.0	(NA)	(NA)
Farms with expenses of–					
$1 to $499		7 864	2 055	9 150	8 565
$500 to $999		7 710	5 508	9 971	9 528
$1,000 to $4,999		36 355	95 059	30 322	48 373
$5,000 to $9,999		17 366	120 304	19 283	20 616
$10,000 to $24,999[1]		11 734	170 575	15 839	11 911
$25,000 to $29,999		754	20 048		-
$30,000 to $49,999		1 034	37 303	2 067	-
$50,000 to $99,999		226	13 443		-
$100,000 or more		24	3 060		-
Agricultural chemicals[3]	farms	86 631	(X)	87 700	101 522
	$1,000	(X)	309 894	331 924	208 549
	percent of total	(X)	4.7	(NA)	(NA)
Farms with expenses of–					
$1 to $499		14 862	3 491	13 319	25 569
$500 to $999		10 698	7 660	10 607	18 000
$1,000 to $4,999		41 003	100 310	42 560	48 177
$5,000 to $9,999		13 023	88 022	13 977	7 409
$10,000 to $24,999		6 467	89 399	7 237	2 367
$25,000 to $49,999		514	16 064		
$50,000 or more		64	4 949		
Petroleum products	farms	100 939	(X)	114 816	120 834
	$1,000	(X)	315 061	536 937	293 963
	percent of total	(X)	4.7	(NA)	(NA)
Farms with expenses of–					
$1 to $999		30 271	13 143	27 652	39 403
$1,000 to $4,999		51 175	130 244	48 500	67 498
$5,000 to $9,999		14 925	100 801	25 433	10 971
$10,000 to $24,999[1]		4 244	57 867	12 987	2 512
$25,000 to $39,999		246	7 362		-
$40,000 to $49,999		28	1 222	244	-
$50,000 or more		50	4 421		-

See footnotes at end of table.

Table 3. Farm Production Expenses: 1987, 1982, and 1978—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		1987		1982	1978
		Farms	Expenses ($1,000)		
Total farm production expenses—Con.					
Electricity	farms	90 255	(X)	94 737	97 881
	$1,000	(X)	126 591	130 326	78 913
	percent of total	(X)	1.9	(NA)	(NA)
Farms with expenses of—					
$1 to $499		26 149	6 383	25 144	42 231
$500 to $999		21 769	15 176	23 477	30 309
$1,000 to $1,999		22 656	30 682	26 233	18 352
$2,000 to $4,999		16 702	48 202	17 075	6 093
$5,000 to $9,999		2 390	15 506	2 806	696
$10,000 to $24,999		506	6 942		
$25,000 or more		83	3 695		
Hired farm labor	farms	49 121	(X)	47 873	53 718
	$1,000	(X)	282 515	222 146	192 667
	percent of total	(X)	4.2	(NA)	(NA)
Farms with expenses of—					
$1 to $999		25 916	9 325	21 588	26 979
$1,000 to $4,999		11 684	26 066	15 526	17 063
$5,000 to $9,999		3 971	27 457	5 086	5 131
$10,000 to $24,999[1]		4 909	74 663	5 238	4 545
$25,000 to $49,999		1 725	58 114		-
$50,000 to $79,999		575	35 553	435	-
$80,000 to $99,999		143	12 577		-
$100,000 or more		198	38 760		-
Contract labor	farms	8 078	(X)	3 570	4 515
	$1,000	(X)	21 032	8 358	6 672
	percent of total	(X)	.3	(NA)	(NA)
Farms with expenses of—					
$1 to $999		3 846	1 654	1 794	2 736
$1,000 to $4,999		3 123	6 427	1 377	1 472
$5,000 to $9,999		732	4 960	279	255
$10,000 to $24,999		300	4 357	120	52
$25,000 to $49,999		57	1 779		
$50,000 or more		20	1 855		
Repair and maintenance	farms	91 920	(X)	(NA)	(NA)
	$1,000	(X)	407 270	(NA)	(NA)
	percent of total	(X)	6.1	(NA)	(NA)
Farms with expenses of—					
$1 to $999		21 385	9 841	(NA)	(NA)
$1,000 to $4,999		41 862	104 990	(NA)	(NA)
$5,000 to $9,999		18 471	125 297	(NA)	(NA)
$10,000 to $24,999		9 131	126 746	(NA)	(NA)
$25,000 to $49,999		905	28 354	(NA)	(NA)
$50,000 or more		166	12 041	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment[3]	farms	57 354	(X)	57 502	69 442
	$1,000	(X)	133 395	124 821	116 500
	percent of total	(X)	2.0	(NA)	(NA)
Farms with expenses of—					
$1 to $999		25 122	11 011	25 351	34 976
$1,000 to $4,999		25 700	57 304	26 128	30 365
$5,000 to $9,999		4 494	29 838	4 542	3 168
$10,000 to $24,999		1 744	23 778	1 481	933
$25,000 to $49,999		244	8 014		
$50,000 or more		50	3 451		
Interest[4]	farms	67 262	(X)	76 462	(NA)
	$1,000	(X)	579 338	1 015 561	(NA)
	percent of total	(X)	8.7	(NA)	(NA)
Farms with expenses of—					
$1 to $999		14 128	5 927	11 900	(NA)
$1,000 to $4,999		23 365	60 220	23 126	(NA)
$5,000 to $9,999		12 044	83 590	13 398	(NA)
$10,000 to $24,999		12 398	191 293	28 038	(NA)
$25,000 to $49,999		3 963	133 572		
$50,000 to $99,999		1 138	73 936		
$100,000 or more		206	30 799		
Interest paid on debt:					
Secured by real estate		44 371	390 226	(NA)	(NA)
Not secured by real estate		41 208	169 113	(NA)	(NA)
Cash rent	farms	41 375	(X)	(NA)	(NA)
	$1,000	(X)	492 800	(NA)	(NA)
	percent of total	(X)	7.4	(NA)	(NA)
Farms with expenses of—					
$1 to $499		2 836	750	(NA)	(NA)
$500 to $999		2 680	1 856	(NA)	(NA)
$1,000 to $4,999		10 319	27 687	(NA)	(NA)
$5,000 to $9,999		8 684	61 282	(NA)	(NA)
$10,000 to $24,999		11 593	179 909	(NA)	(NA)
$25,000 to $49,999		4 132	138 524	(NA)	(NA)
$50,000 or more		1 131	82 793	(NA)	(NA)
Property taxes paid	farms	87 431	(X)	(NA)	(NA)
	$1,000	(X)	230 810	(NA)	(NA)
	percent of total	(X)	3.5	(NA)	(NA)
Farms with expenses of—					
$1 to $499		15 288	3 571	(NA)	(NA)
$500 to $999		13 025	9 479	(NA)	(NA)
$1,000 to $4,999		46 893	115 098	(NA)	(NA)
$5,000 to $9,999		9 596	63 881	(NA)	(NA)
$10,000 to $24,999		2 474	33 189	(NA)	(NA)
$25,000 or more		155	5 592	(NA)	(NA)

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987, 1982, and 1978**—Con.

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987 Farms	1987 Expenses ($1,000)	1982	1978
Total farm production expenses—Con.				
All other farm production expenses ... farms	101 919	(X)	(NA)	(NA)
$1,000	(X)	513 358	(NA)	(NA)
percent of total	(X)	7.7	(NA)	(NA)
Farms with expenses of—				
$1 to $999	28 681	13 266	(NA)	(NA)
$1,000 to $4,999	44 910	109 282	(NA)	(NA)
$5,000 to $9,999	15 605	104 863	(NA)	(NA)
$10,000 to $24,999	9 839	140 646	(NA)	(NA)
$25,000 to $49,999	2 166	71 329	(NA)	(NA)
$50,000 to $99,999	526	34 098	(NA)	(NA)
$100,000 or more	192	39 854	(NA)	(NA)

[1] Data for 1978 are for $10,000 or more.
[2] Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.
[3] Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.
[4] Data for 1982 do not include imputation for item nonresponse.

Table 4. **Net Cash Return From Agricultural Sales: 1987**

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	All farms	Farms with sales of $10,000 or more	Farms with sales of less than $10,000
Net cash return from agricultural sales for the farm unit (see text) ... farms	105 184	82 647	22 537
$1,000	2 146 997	2 187 522	-40 525
Average per farm ... dollars	20 412	26 468	-1 798
Farms with net gains[1] ... number	74 987	67 144	7 843
$1,000	2 374 100	2 358 599	15 501
Average per farm ... dollars	31 660	35 127	1 976
Gain of—			
Less than $1,000	4 767	1 892	2 875
$1,000 to $4,999	12 840	8 358	4 482
$5,000 to $9,999	10 066	9 580	486
$10,000 to $24,999	18 394	18 394	-
$25,000 to $49,999	14 753	14 753	-
$50,000 or more	14 167	14 167	-
Farms with net losses ... number	30 197	15 503	14 694
$1,000	227 103	171 077	56 026
Average per farm ... dollars	7 521	11 035	3 813
Loss of—			
Less than $1,000	4 943	1 634	3 309
$1,000 to $4,999	12 484	4 837	7 647
$5,000 to $9,999	6 500	3 704	2 796
$10,000 to $24,999	4 814	3 915	899
$25,000 to $49,999	1 075	1 048	27
$50,000 or more	381	365	16

[1] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 5. Government Payments and Other Farm-Related Income: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms		Farms with sales of $10,000 or more	
		Farms	Value ($1,000)	Farms	Value ($1,000)
Government payments	1987	75 203	1 153 713	67 411	1 120 157
Average per farm[1]	1987	(X)	15 341	(X)	16 617
Farms with receipts of–					
$1 to $999		3 240	1 758	1 375	793
$1,000 to $4,999		18 122	52 809	13 988	42 751
$5,000 to $9,999		16 781	121 201	15 736	114 003
$10,000 to $24,999		23 409	371 365	22 831	362 473
$25,000 to $49,999		10 045	345 038	9 897	340 029
$50,000 or more		3 606	261 541	3 584	260 106
Amount received in cash	1987	70 106	559 007	63 905	548 398
Value of certificates received	1987	71 148	594 706	64 205	571 759
Other farm-related income, gross before taxes and expenses[2]	1987	30 370	132 008	25 821	112 993
Average per farm[1]	1987	(X)	4 347	(X)	4 376
Farms with receipts of–					
$1 to $999		11 351	4 235	9 664	3 625
$1,000 to $4,999		11 173	27 143	9 453	22 869
$5,000 to $9,999		4 121	28 247	3 460	23 709
$10,000 to $24,999		2 945	43 533	2 554	37 647
$25,000 to $49,999		692	22 092	618	19 956
$50,000 or more		88	6 759	72	5 166
Customwork and other agricultural services[3]	1987	15 001	61 977	13 915	59 799
	1982	16 921	64 815	16 182	63 707
Average per farm[1]	1987	(X)	4 132	(X)	4 297
	1982	(X)	3 830	(X)	3 937
1987 farms with receipts of–					
$1 to $999		4 538	2 039	4 046	1 830
$1,000 to $4,999		6 576	15 434	6 140	14 525
$5,000 to $9,999		2 189	14 654	2 031	13 592
$10,000 to $24,999		1 379	19 799	1 379	19 799
$25,000 to $49,999		317	(D)	317	(D)
$50,000 or more		2	(D)	2	(D)
Rental of farmland	1987	8 633	58 000	5 868	42 238
Average per farm[1]	1987	(X)	6 718	(X)	7 198
Farms with receipts of–					
$1 to $999		1 802	881	1 116	543
$1,000 to $4,999		3 416	8 972	2 266	6 057
$5,000 to $9,999		1 657	11 584	1 193	8 380
$10,000 to $24,999		1 369	20 674	992	15 097
$25,000 or more		389	15 888	299	12 160
Sales of forest products and Christmas trees	1987	710	1 876	479	1 193
Average per farm[1]	1987	(X)	2 643	(X)	2 491
Farms with receipts of–					
$1 to $999		310	101	228	81
$1,000 to $4,999		295	668	191	438
$5,000 to $9,999		60	421	29	226
$10,000 to $24,999		44	(D)	30	(D)
$25,000 or more		1	(D)	1	(D)
Other farm-related income sources	1987	11 908	10 156	10 990	9 763
Average per farm[1]	1987	(X)	853	(X)	888
Farms with receipts of–					
$1 to $999		9 315	2 557	8 477	2 430
$1,000 to $4,999		2 309	4 509	2 237	4 297
$5,000 to $9,999		191	1 253	183	1 199
$10,000 to $24,999		68	985	68	985
$25,000 or more		25	852	25	852

[1] Data are in whole dollars.

[2] Data are based on a sample of farms.

[3] Data for 1987 are based on a sample of farms; data for 1982 are nonsample and exclude abnormals from farms with sales of $10,000 or more.

Table 6. **Commodity Credit Corporation Loans: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

CCC loans	1987		1982	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Total	**51 178**	**1 598 775**	**28 931**	**1 047 057**
Average per farm[1]	(X)	31 239	(X)	36 192
Farms with loans of—				
$1 to $999	626	334	543	300
$1,000 to $4,999	6 090	18 496	2 896	8 736
$5,000 to $9,999	7 585	54 958	3 884	28 676
$10,000 to $19,999	11 628	167 323	6 400	92 450
$20,000 to $24,999	4 255	(D)	15 208	916 895
$25,000 to $49,999	11 613	(D)		
$50,000 or more	9 381	854 954		
Corn	50 551	1 298 123	(NA)	(NA)
Average per farm[1]	(X)	25 679	(X)	(NA)
Farms with loans of—				
$1 to $999	644	343	(NA)	(NA)
$1,000 to $9,999	15 123	81 660	(NA)	(NA)
$10,000 to $24,999	17 246	281 782	(NA)	(NA)
$25,000 or more	17 538	934 338	(NA)	(NA)
Wheat	61	127	54	243
Average per farm[1]	(X)	2 083	(X)	4 507
Farms with loans of—				
$1 to $999	31	12	(NA)	(NA)
$1,000 to $9,999	28	(D)	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	2	(D)	(NA)	(NA)
Soybeans	14 094	298 747	(NA)	(NA)
Average per farm[1]	(X)	21 197	(X)	(NA)
Farms with loans of—				
$1 to $999	179	93	(NA)	(NA)
$1,000 to $9,999	4 224	24 295	(NA)	(NA)
$10,000 to $24,999	5 605	89 628	(NA)	(NA)
$25,000 or more	4 086	184 730	(NA)	(NA)
Sorghum, barley, and oats	86	190	(NA)	(NA)
Average per farm[1]	(X)	2 211	(X)	(NA)
Farms with loans of—				
$1 to $999	42	17	(NA)	(NA)
$1,000 to $9,999	42	(D)	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	2	(D)	(NA)	(NA)
Cotton	-	-	-	-
Average per farm[1]	(X)	-	(X)	-
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Peanuts, rye, rice, tobacco, and honey	70	1 587	(NA)	(NA)
Average per farm[1]	(X)	22 674	(X)	(X)
Farms with loans of—				
$1 to $999	13	7	(NA)	(NA)
$1,000 to $9,999	22	73	(NA)	(NA)
$10,000 to $24,999	15	209	(NA)	(NA)
$25,000 or more	20	1 298	(NA)	(NA)

[1] Data are in whole dollars.

Table 7. Land Use and Acres Diverted: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

All farms		1987	Percent of total in 1987	1982	1978
Farms	number	105 180	100.0	115 413	121 339
Land in farms	acres	31 638 130	100.0	32 611 964	33 258 233
Total cropland	farms	96 749	92.0	106 859	114 391
	acres	27 290 868	86.3	27 580 749	28 063 990
Harvested cropland	farms	92 878	88.3	103 644	111 379
	acres	20 484 178	64.7	24 137 670	23 622 212
Farms by acres harvested:					
1 to 49 acres		17 548	16.7	17 192	17 629
1 to 9 acres		4 624	4.4	4 687	3 922
10 to 19 acres		4 100	3.9	4 111	4 131
20 to 29 acres		3 360	3.2	2 987	3 368
30 to 49 acres		5 464	5.2	5 407	6 208
50 to 99 acres		13 956	13.3	13 768	16 320
100 to 199 acres		23 454	22.3	26 637	31 543
200 to 499 acres		29 005	27.6	35 830	37 775
500 to 999 acres		7 723	7.3	8 729	7 135
1,000 acres or more		1 192	1.1	1 488	977
1,000 to 1,999 acres		1 114	1.1	1 356	882
2,000 acres or more		78	.1	132	95
Cropland used only for pasture or grazing	farms	36 766	35.0	41 995	52 647
	acres	2 283 547	7.2	2 500 266	3 154 674
Other cropland	farms	63 889	60.7	32 092	43 808
	acres	4 523 143	14.3	942 813	1 287 104
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	27 088	25.8	11 352	17 555
	acres	1 670 711	5.3	269 487	450 595
Cropland on which all crops failed	farms	1 640	1.6	4 847	2 664
	acres	45 013	.1	146 811	71 259
Cropland in cultivated summer fallow	farms	814	.8	656	1 471
	acres	45 160	.1	26 731	56 223
Cropland idle	farms	42 114	40.0	19 323	26 401
	acres	2 762 259	8.7	499 784	709 027
Total woodland	farms	24 782	23.6	26 883	26 807
	acres	1 316 448	4.2	1 396 963	1 423 699
Woodland pastured	farms	14 393	13.7	16 750	17 289
	acres	774 976	2.4	893 533	945 320
Woodland not pastured	farms	14 477	13.8	14 503	13 606
	acres	541 472	1.7	503 430	478 379
Pastureland and rangeland other than cropland and woodland pastured	farms	22 415	21.3	24 254	24 740
	acres	1 452 248	4.6	1 591 210	1 695 483
Land in house lots, ponds, roads, wasteland, etc.	farms	79 586	75.7	91 193	97 797
	acres	1 578 566	5.0	2 043 042	2 075 061
Cropland under federal acreage reduction programs:					
Annual commodity acreage adjustment programs	farms	69 141	(X)	23 020	46 307
	acres	3 560 902	(X)	415 548	1 069 491
Conservation reserve program	farms	8 050	(X)	(NA)	(NA)
	acres	697 896	(X)	(NA)	(NA)

Table 8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms 1987	Farms 1982	Land in farms (acres) 1987	Land in farms (acres) 1982	Harvested cropland (acres) 1987	Harvested cropland (acres) 1982	Irrigated land (acres) 1987	Irrigated land (acres) 1982
Land in farms	105 180	115 413	31 638 130	32 811 964	20 484 178	24 137 670	92 247	91 427
Farms by size:								
1 to 9 acres	7 974	7 910	23 461	25 456	4 938	6 146	165	103
10 to 49 acres	10 981	12 322	282 586	319 800	126 800	161 481	810	349
50 to 69 acres	2 901	3 266	170 098	190 547	84 171	106 811	564	298
70 to 99 acres	6 981	7 687	567 963	625 653	324 340	413 979	1 029	740
100 to 139 acres	7 168	7 993	840 761	939 069	479 567	634 220	871	1 034
140 to 179 acres	10 506	12 013	1 661 495	1 900 994	1 044 568	1 407 441	2 002	2 265
180 to 219 acres	6 574	7 790	1 298 012	1 539 642	794 890	1 112 869	(D)	1 511
220 to 259 acres	7 119	8 798	1 692 823	2 091 761	1 091 180	1 567 561	(D)	3 201
260 to 499 acres	25 378	29 671	9 225 176	10 701 909	6 045 183	8 122 130	14 018	19 071
500 to 999 acres	15 874	14 858	10 707 195	9 849 121	7 115 018	7 359 062	31 991	33 787
1,000 to 1,999 acres	3 401	2 796	4 290 322	3 529 603	2 862 824	2 643 971	27 273	16 583
2,000 acres or more	323	309	878 216	898 409	510 679	601 999	9 202	12 485
5,000 acres or more	18	13	121 190	120 079	59 277	56 000	(D)	(D)
Farms with harvested cropland	92 878	103 644	31 128 608	32 179 855	20 484 178	24 137 670	92 199	91 427
Farms by size:								
1 to 9 acres	1 373	1 648	7 681	9 349	4 938	6 146	153	103
10 to 49 acres	7 873	9 119	213 650	247 320	126 800	161 481	790	349
50 to 69 acres	2 463	2 768	144 578	161 946	84 171	106 811	564	298
70 to 99 acres	6 397	7 124	520 419	579 847	324 340	413 979	1 029	740
100 to 139 acres	6 699	7 577	786 048	891 193	479 567	634 220	855	1 034
140 to 179 acres	10 135	11 724	1 603 151	1 855 741	1 044 568	1 407 441	2 002	2 265
180 to 219 acres	6 344	7 649	1 252 959	1 512 048	794 890	1 112 869	(D)	1 511
220 to 259 acres	6 979	8 699	1 659 687	2 068 326	1 091 180	1 567 561	(D)	3 201
260 to 499 acres	25 092	29 429	9 126 904	10 618 531	6 045 183	8 122 130	14 018	19 071
500 to 999 acres	15 812	14 807	10 668 562	9 815 949	7 115 018	7 359 062	31 991	33 787
1,000 to 1,999 acres	3 391	2 792	4 277 120	3 524 448	2 862 824	2 643 971	27 273	16 583
2,000 acres or more	320	308	867 849	895 157	510 679	601 999	9 202	12 485
5,000 acres or more	17	13	116 060	120 079	59 277	56 000	(D)	(D)
Farms with irrigated land	851	616	385 109	304 670	278 236	253 536	92 247	91 427
Farms by size:								
1 to 9 acres	107	59	366	211	175	124	165	103
10 to 49 acres	123	56	2 686	1 275	1 551	749	810	349
50 to 69 acres	24	16	1 385	918	836	664	564	298
70 to 99 acres	40	25	3 245	1 997	1 829	1 414	1 029	740
100 to 139 acres	33	23	3 841	2 640	2 039	1 945	871	1 034
140 to 179 acres	34	35	5 418	5 576	3 270	4 476	2 002	2 265
180 to 219 acres	18	19	(D)	3 767	(D)	3 177	(D)	1 511
220 to 259 acres	47	30	(D)	7 214	(D)	5 713	(D)	3 201
260 to 499 acres	126	120	47 813	46 957	35 452	39 266	14 018	19 071
500 to 999 acres	187	160	131 389	112 729	94 357	96 045	31 991	33 787
1,000 to 1,999 acres	94	56	125 090	74 096	90 611	64 946	27 273	16 583
2,000 acres or more	18	17	48 995	48 288	37 342	35 017	9 202	12 485
5,000 acres or more	2	1	(D)	(D)	(D)	(D)	(D)	(D)

Table 9. Irrigation: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		1987	1982	1978
Farms	number	851	616	739
Proportion of farms	percent	.8	.5	.6
Irrigated land	acres	92 247	91 427	100 770
Average per farm	acres	108	148	136
Acres irrigated:				
1 to 9 acres	farms	303	147	155
	acres	785	397	477
10 to 49 acres	farms	123	85	151
	acres	3 273	2 269	3 344
50 to 99 acres	farms	119	81	113
	acres	8 179	5 781	8 202
100 to 199 acres	farms	163	136	163
	acres	22 183	18 392	22 787
Irrigated land—Con.				
Acres irrigated—Con.				
200 to 499 acres	farms	116	135	125
	acres	35 519	39 756	38 240
500 to 999 acres	farms	20	25	26
	acres	12 164	14 742	17 265
1,000 acres or more	farms	7	7	6
	acres	10 144	10 090	10 455
Irrigated land use:				
Harvested cropland	farms	825	608	708
	acres	91 598	91 175	97 681
Pastureland and other land	farms	37	18	(NA)
	acres	649	252	3 089
Land in irrigated farms	acres	385 109	304 670	345 435
Cropland	acres	352 668	272 432	308 167
Harvested cropland	acres	278 236	253 536	274 255

Table 10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		All farms		Irrigated farms				Nonirrigated farms	
				Any land irrigated		All harvested cropland irrigated			
		1987	1982	1987	1982	1987	1982	1987	1982
Farms	number	105 180	115 413	851	616	234	119	104 329	114 797
Land in farms	acres	31 638 130	32 611 964	385 109	304 670	24 684	11 879	31 253 021	32 307 294
Value of land and buildings[1]:									
Average per farm	dollars	283 597	471 011	442 449	780 292	225 908	197 820	282 338	469 194
Average per acre	dollars	947	1 684	993	1 809	2 056	3 947	946	1 683
Irrigated land	acres	92 247	91 427	92 247	91 427	16 600	8 731	(X)	(X)
Land in farms according to use:									
Total cropland	farms	96 749	106 859	848	616	234	119	95 901	106 243
	acres	27 290 868	27 580 749	352 666	272 432	21 484	9 928	26 938 200	27 308 317
Harvested cropland	farms	92 878	103 644	845	616	234	119	92 033	103 028
	acres	20 484 178	24 137 670	278 236	253 538	16 551	8 640	20 205 942	23 884 132
Pastureland, excluding woodland pastured	farms	51 460	58 922	232	215	26	14	51 228	58 707
	acres	3 735 795	4 091 476	19 016	22 869	808	1 879	3 716 779	4 068 607
Land set aside in federal farm programs	farms	71 289	(NA)	514	(NA)	50	(NA)	70 775	(NA)
	acres	4 258 798	(NA)	57 030	(NA)	3 117	(NA)	4 201 768	(NA)
Owned and rented land in farms:									
Owned land in farms	farms	83 433	(NA)	715	(NA)	206	(NA)	82 718	(NA)
	acres	15 050 360	(NA)	169 902	(NA)	18 379	(NA)	14 860 458	(NA)
Rented or leased land in farms	farms	56 954	62 354	474	(NA)	52	(NA)	56 480	(NA)
	acres	16 587 770	15 649 424	215 207	(NA)	6 305	(NA)	16 372 563	(NA)
Market value of agricultural products sold	$1,000	8 926 799	9 828 932	138 520	142 890	29 875	16 360	8 788 279	9 686 043
Average per farm	dollars	84 872	85 163	162 773	231 964	127 672	137 478	84 236	84 375
Crops, including nursery and greenhouse crops	farms	83 940	92 378	823	592	226	112	83 117	91 786
	$1,000	3 660 117	4 143 086	91 969	79 538	27 462	13 558	3 568 148	4 063 548
Livestock, poultry, and their products	farms	72 438	85 613	329	289	31	27	72 109	85 324
	$1,000	5 266 682	5 685 846	46 551	63 352	2 414	2 802	5 220 131	5 622 494
Total farm production expenses[1]	$1,000	6 647 645	(NA)	96 062	(NA)	19 424	(NA)	6 551 562	(NA)
Average per farm	dollars	63 200	(NA)	116 182	(NA)	99 104	(NA)	62 780	(NA)
Livestock and poultry purchased	farms	46 066	53 457	268	(NA)	20	(NA)	45 798	(NA)
	$1,000	1 358 161	1 536 601	19 430	(NA)	582	(NA)	1 338 731	(NA)
Feed for livestock and poultry	farms	64 752	78 070	316	284	33	12	64 436	77 786
	$1,000	1 101 866	1 214 715	7 234	12 481	420	645	1 094 632	1 202 233
Seeds, bulbs, plants, and trees	farms	88 807	98 770	731	660	137	120	88 076	98 110
	$1,000	308 197	313 092	7 395	4 662	3 006	745	300 802	308 430
Commercial fertilizer[2]	farms	83 067	86 632	728	600	151	73	82 339	86 032
	$1,000	467 355	562 767	5 994	6 977	679	238	461 360	555 791
Agricultural chemicals[2]	farms	86 631	87 700	734	583	166	82	85 897	87 117
	$1,000	309 894	331 924	4 550	4 182	386	90	305 344	327 742
Petroleum products	farms	100 939	114 616	796	(NA)	189	(NA)	100 143	(NA)
	$1,000	315 061	536 937	4 775	(NA)	1 106	(NA)	310 286	(NA)
Electricity	farms	90 255	94 737	714	(NA)	142	(NA)	89 541	(NA)
	$1,000	126 591	130 326	1 819	(NA)	527	(NA)	124 772	(NA)
Hired farm labor	farms	49 121	47 873	506	422	108	85	48 615	47 451
	$1,000	282 515	222 146	13 002	9 633	6 240	2 098	269 513	212 513
Contract labor	farms	8 078	3 570	200	72	24	17	7 878	3 498
	$1,000	21 032	8 358	1 221	579	394	65	19 811	7 780
Repairs and maintenance	farms	91 920	(NA)	713	(NA)	137	(NA)	91 207	(NA)
	$1,000	407 270	(NA)	4 942	(NA)	791	(NA)	402 328	(NA)
Customwork, machine hire, and rental of machinery and equipment[3]	farms	57 354	57 502	390	(NA)	47	(NA)	56 964	(NA)
	$1,000	133 395	124 821	1 196	(NA)	63	(NA)	132 200	(NA)
Interest[4]	farms	67 262	76 462	576	491	69	81	66 686	75 971
	$1,000	579 338	1 015 561	7 858	12 878	1 527	615	571 480	1 002 683
Cash rent paid for land and buildings	farms	41 375	(NA)	329	(NA)	27	(NA)	41 046	(NA)
	$1,000	492 800	(NA)	5 300	(NA)	77	(NA)	487 501	(NA)
Property taxes paid	farms	87 431	(NA)	660	(NA)	168	(NA)	86 771	(NA)
	$1,000	230 810	(NA)	2 411	(NA)	467	(NA)	228 399	(NA)
All other farm production expenses	farms	101 919	(NA)	801	(NA)	178	(NA)	101 118	(NA)
	$1,000	513 358	(NA)	8 955	(NA)	3 159	(NA)	504 403	(NA)
Commodity Credit Corporation loans	farms	51 178	28 931	426	(NA)	31	(NA)	50 752	(NA)
	$1,000	1 598 775	1 047 057	25 208	(NA)	1 055	(NA)	1 573 567	(NA)
Government payments received	farms	75 203	(NA)	525	(NA)	54	(NA)	74 678	(NA)
	$1,000	1 153 713	(NA)	14 555	(NA)	699	(NA)	1 139 158	(NA)
Other farm-related income[1]	farms	30 370	(NA)	197	(NA)	36	(NA)	30 173	(NA)
	$1,000	132 008	(NA)	1 109	(NA)	83	(NA)	130 899	(NA)
Estimated market value of all machinery and equipment[1]	farms	104 901	115 266	827	674	196	128	104 074	114 592
	$1,000	5 543 375	6 731 271	59 184	65 457	7 079	5 305	5 484 191	6 665 814
Average per farm	dollars	52 844	58 396	71 565	97 117	36 118	41 447	52 695	58 170
Inventory of livestock:									
Cattle and calves	farms	49 469	62 412	200	200	16	15	49 269	62 212
	number	4 303 682	5 822 488	41 173	60 102	3 156	2 477	4 262 509	5 762 386
Milk cows	farms	7 748	10 485	24	22	4	1	7 724	10 463
	number	294 888	339 664	812	730	45	(D)	294 076	338 934
Hogs and pigs	farms	36 670	45 766	160	129	11	7	36 510	45 639
	number	12 983 074	14 332 644	59 497	53 989	3 824	3 163	12 923 577	14 278 655
Sheep and lambs	farms	8 636	9 988	38	26	3	4	8 598	9 962
	number	451 617	486 316	1 566	971	88	92	450 029	485 345

[1] Data are based on a sample of farms.
[2] Data for 1987 include cost of custom applications.
[3] Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.
[4] Data for 1982 do not include imputation for item nonresponse.

Table 11. Value of Land and Buildings: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of land and buildings	1987 Farms	1987 Value ($1,000)	1982	1978
Estimated market value of land and buildings ... farms	105 184	(X)	115 386	121 334
$1,000	(X)	29 829 901	54 349 071	51 829 172
Average per farm ... dollars	(X)	283 597	471 011	427 161
Average per acre ... dollars	(X)	947	1 684	1 548
Farms by value group:				
$1 to $39,999	13 227	234 006	10 423	10 018
$40,000 to $69,999	11 020	584 758	7 870	8 817
$70,000 to $99,999	9 152	756 410	6 877	7 274
$100,000 to $149,999	12 468	1 505 632	9 191	10 190
$150,000 to $199,999	9 769	1 660 782	8 033	8 976
$200,000 to $499,999	31 637	10 076 186	34 645	40 152
$500,000 to $999,999	14 045	9 442 908	25 303	24 876
$1,000,000 to $1,999,999	3 466	4 416 580	13 046	11 031
$2,000,000 to $4,999,999	380	995 672		
$5,000,000 or more	20	156 965		

Table 12. Value of Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Value of machinery and equipment	1987 Farms	1987 Value ($1,000)	1982 Farms	1982 Value ($1,000)
Estimated market value of all machinery and equipment	104 901	5 543 375	115 266	6 731 271
Average per farm[1]	(X)	52 844	(X)	58 398
By value group:				
$1 to $4,999	6 659	17 760	5 492	16 400
$5,000 to $9,999	12 872	86 106	14 459	97 432
$10,000 to $19,999	15 609	204 392	15 825	209 967
$20,000 to $29,999	12 464	287 085	13 511	310 436
$30,000 to $49,999	16 318	603 631	16 793	627 125
$50,000 to $69,999	12 638	708 546	14 008	779 839
$70,000 to $99,999	10 272	829 428	12 006	970 591
$100,000 to $199,999	14 193	1 812 997	17 527	2 269 196
$200,000 to $499,999	3 763	922 210	5 479	1 347 257
$500,000 to $999,999	101	57 781	166	103 025
$1,000,000 or more	11	13 439		

[1] Data are in whole dollars.

Table 13. Selected Machinery and Equipment on Place: 1987 and 1982

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Selected machinery and equipment	1987						1982		
	Total		Manufactured 1983 to 1987		Manufactured prior to 1983				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Number manufactured 1978 to 1982
Motortrucks, including pickups	93 674	143 433	26 088	26 331	78 703	115 102	101 739	147 663	46 802
2 or 3	28 971	64 544	1 729	3 687	21 906	48 590	27 678	60 917	7 764
4 or more	3 634	17 820	73	358	2 471	12 186	3 163	15 848	1 078
Wheel tractors	97 120	302 392	12 351	17 313	94 838	285 079	104 017	305 334	41 386
2 or 3	44 785	112 484	2 956	6 531	45 187	113 066	54 293	137 397	17 082
4 or more	34 736	172 309	391	1 778	31 180	153 522	31 306	149 519	2 958
Less than 40 horsepower (PTO)	48 200	79 062	2 608	3 191	46 231	75 871	(NA)	(NA)	(NA)
40 horsepower (PTO) or more	85 755	223 330	10 572	14 122	83 540	209 208	(NA)	(NA)	(NA)
Grain and bean combines[1]	55 575	60 004	6 701	6 846	49 234	53 158	54 993	57 726	17 069
Cottonpickers and strippers	-	-	-	-	-	-	-	-	-
Mower conditioners	29 756	31 333	4 307	4 401	25 638	26 932	27 136	28 401	7 374
Pickup balers	40 640	46 867	3 461	3 619	38 284	43 248	42 063	47 776	7 505

[1] Data for 1982 include self-propelled only.

Table 14. Petroleum Products Expenses: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item	1987 Farms	1987 Expenses ($1,000)	1982	1978
Petroleum products ... farms	100 939	(X)	114 816	120 834
$1,000	(X)	315 061	536 937	293 963
Average per farm ... dollars	(X)	3 121	4 676	2 433
Gasoline and gasohol ... farms	87 982	(X)	106 773	114 546
$1,000	(X)	105 047	186 833	127 980
Average per farm ... dollars	(X)	1 194	1 750	1 117
Farms with expenses of—				
$1 to $499	28 312	6 724	24 575	33 967
$500 to $999	21 138	14 478	19 309	30 928
$1,000 to $1,999	22 386	29 812	27 172	32 362
$2,000 to $4,999	14 012	37 897	29 573	15 828
$5,000 to $9,999	1 834	11 520	5 389	1 237
$10,000 to $24,999	270	3 428	755	226
$25,000 or more	30	1 188		
Diesel fuel ... farms	73 400	(X)	80 135	76 213
$1,000	(X)	136 878	203 866	91 401
Average per farm ... dollars	(X)	1 865	2 544	1 199
Farms with expenses of—				
$1 to $499	15 927	4 063	10 682	24 023
$500 to $999	14 390	9 970	13 149	21 330
$1,000 to $1,999	18 347	24 980	18 972	17 456
$2,000 to $4,999	19 229	55 974	26 182	11 523
$5,000 to $9,999	4 667	29 886	9 012	1 605
$10,000 to $24,999	790	10 096	2 138	276
$25,000 or more	50	1 909		
Natural gas ... farms	5 064	(X)	3 284	3 648
$1,000	(X)	6 637	6 182	3 058
Average per farm ... dollars	(X)	1 311	1 883	836
Farms with expenses of—				
$1 to $99	349	19	199	385
$100 to $499	1 521	407	813	1 596
$500 to $999	1 188	801	628	906
$1,000 to $1,999	1 152	1 439	694	502
$2,000 to $4,999	693	1 926	713	211
$5,000 to $9,999	114	722	237	48
$10,000 or more	47	1 323		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ... farms	86 862	(X)	(NA)	(NA)
$1,000	(X)	66 500	140 056	71 524
Average per farm ... dollars	(X)	766	(NA)	(NA)
Farms with expenses of—				
$1 to $99	16 546	894	(NA)	(NA)
$100 to $499	34 577	8 310	(NA)	(NA)
$500 to $999	14 814	9 841	(NA)	(NA)
$1,000 to $1,999	11 795	15 365	(NA)	(NA)
$2,000 to $4,999	7 876	21 980	(NA)	(NA)
$5,000 to $9,999	1 043	6 432	(NA)	(NA)
$10,000 or more	211	3 677	(NA)	(NA)

Table 15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978

[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	1987	1982	1978
Any chemicals, fertilizer, or lime used ... farms	90 719	96 237	107 357
Commercial fertilizer[1] ... farms	83 067	86 632	98 993
acres on which used	13 313 702	14 661 266	15 184 915
$1,000	467 355	562 767	481 090
Lime ... farms	17 823	11 172	14 577
acres on which used	1 219 181	588 678	810 259
tons	2 846 408	1 389 986	1 942 275
Farms by tons used:			
1 to 49 tons	3 815	3 092	3 807
50 to 99 tons	4 475	3 324	4 127
100 to 199 tons	4 994	2 789	4 035
200 to 499 tons	3 700	1 677	2 179
500 to 999 tons	697	250	352
1,000 tons or more	142	40	77
Agricultural chemicals[1] ... farms	86 631	87 700	101 522
$1,000	309 894	331 924	208 549
Any chemicals, fertilizer, or lime used—Con.			
Sprays, dusts, granules, fumigants, etc., to control—			
insects on hay and other crops ... farms	41 361	41 193	44 090
acres on which used	4 910 343	6 062 166	6 640 743
Nematodes in crops ... farms	2 548	3 419	4 561
acres on which used	267 277	415 428	517 125
Diseases in crops and orchards ... farms	1 330	1 331	1 866
acres on which used	112 420	177 125	219 621
Weeds, grass, or brush in crops and pasture ... farms	70 486	73 116	73 497
acres on which used	14 709 093	16 269 261	14 215 869
Chemicals used for defoliation or for growth control of crops or thinning of fruit ... farms	1 066	1 726	1 412
acres on which used	120 779	242 520	169 928

[1] Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1987, 1982, and 1978

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		All farms			Farms operated by Black and other races[1]		
		1987	1982	1978	1987	1982	1978
Tenure of operator:							
All operators	farms	105 180	115 413	121 339	124	158	253
	acres	31 638 130	32 611 964	33 258 233	28 195	37 955	58 443
Harvested cropland	farms	92 878	103 644	111 379	112	144	230
	acres	20 484 178	24 137 670	23 622 212	17 716	28 136	40 667
Full owners	farms	48 226	52 934	55 682	64	74	126
	acres	7 963 226	9 348 834	9 573 411	7 799	9 899	20 461
Harvested cropland	farms	37 835	43 087	47 199	56	63	104
	acres	4 398 979	6 133 611	6 031 886	4 185	6 316	12 043
Part owners	farms	35 207	38 427	39 094	25	54	67
	acres	17 255 971	17 113 389	16 756 897	10 127	21 686	23 570
Harvested cropland	farms	34 647	37 829	38 695	24	54	67
	acres	11 572 966	13 088 725	12 264 057	6 250	16 604	17 335
Tenants	farms	21 747	24 052	26 563	35	30	60
	acres	6 418 033	6 149 741	6 927 925	10 269	6 390	14 412
Harvested cropland	farms	20 396	22 728	25 485	32	27	59
	acres	4 512 233	4 915 334	5 326 269	7 281	5 216	11 289
Percent of tenancy	percent	20.7	20.8	21.9	28.2	19.0	23.7
Operators by place of residence:							
On farm operated		78 710	87 160	93 726	91	96	172
Not on farm operated		20 505	18 304	17 455	27	44	66
Not reported		5 965	9 949	10 158	6	18	15
Operators by principal occupation:							
Farming		75 279	86 041	92 309	76	103	162
Other		29 901	29 372	29 030	48	55	91
Operators by days of work off farm:							
None		51 753	55 958	62 890	51	65	113
Any		46 229	48 480	51 057	61	73	103
1 to 49 days		9 615	12 927	15 341	10	14	14
50 to 99 days		3 489	3 473	3 750	5	4	5
100 to 149 days		3 325	3 159	3 192	4	7	8
150 to 199 days		3 872	3 681	3 701	8	7	14
200 days or more		25 928	25 240	25 073	34	41	62
Not reported		7 198	10 975	7 392	12	20	37
Operators by years on present farm:							
2 years or less		5 787	6 382	(NA)	11	10	(NA)
3 or 4 years		5 973	9 037	(NA)	4	15	(NA)
5 to 9 years		13 617	17 921	(NA)	23	29	(NA)
10 years or more		65 721	63 794	(NA)	54	66	(NA)
Average years on present farm		19.7	17.9	(NA)	16.6	15.4	(NA)
Not reported		14 082	18 279	(NA)	32	38	(NA)
Operators by age group:							
Under 25 years		2 852	5 602	6 339	4	9	14
25 to 34 years		17 458	20 346	19 205	22	32	60
35 to 44 years		21 282	22 548	23 918	33	29	54
45 to 49 years		10 512	26 104	30 341	13	31	54
50 to 54 years		11 232			11		
55 to 59 years		12 606	27 594	28 959	3	34	36
60 to 64 years		12 679			5		
65 to 69 years		7 848	13 219	12 577	12	23	35
70 years and over		8 709			21		
Average age		49.3	47.6	47.5	50.0	47.8	46.4
Operators by sex:							
Male	farms	101 838	112 456	118 461	114	135	230
	acres	31 076 208	32 157 958	32 810 229	25 527	33 905	54 158
Female	farms	3 342	2 957	2 878	10	23	23
	acres	561 922	454 006	448 004	2 668	4 050	4 285
Operators of Spanish origin (see text)	farms	105	138	214	7	13	14
	acres	33 851	42 269	50 840	1 737	2 872	1 918
Operators not of Spanish origin	farms	78 289	(NA)	(NA)	67	(NA)	(NA)
Spanish origin not reported	farms	26 786	(NA)	(NA)	50	(NA)	(NA)
Type of organization:							
Individual or family (sole proprietorship)	farms	89 188	97 610	103 884	103	131	212
	acres	25 058 946	25 568 925	26 718 678	22 024	29 006	48 582
Partnership	farms	11 088	13 213	14 345	13	20	30
	acres	3 802 372	4 393 079	4 801 920	3 852	6 476	8 206
Corporation	farms	4 404	4 110	2 866	3	6	7
	acres	2 659 862	2 541 848	1 621 982	1 069	(D)	1 259
Family held:							
More than 10 stockholders	farms	81	87	50	-	-	1
	acres	56 221	67 387	38 764	-	-	(D)
10 or less stockholders	farms	4 013	3 638	2 323	3	4	6
	acres	2 512 083	2 336 601	1 464 812	1 069	1 513	(D)
Other than family held:							
More than 10 stockholders	farms	34	36	36	-	-	-
	acres	15 152	18 304	44 035	-	-	-
10 or less stockholders	farms	276	349	259	-	2	-
	acres	76 406	119 556	74 371	-	(D)	-
Other—cooperative, estate or trust, institutional, etc.	farms	500	480	442	5	1	4
	acres	116 950	108 112	115 653	1 450	(D)	396

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[1] For classification of social and ethnic groups, see text.

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Female operators	Operators of Spanish origin[1]	Farms operated by Black and other races				
				Total	Black	American Indian	Asian	Other (see text)
FARMS AND LAND IN FARMS								
Farms	number, 1987	3 342	105	124	47	42	15	20
	1982	2 957	136	158	93	46	10	9
Land in farms	acres, 1987	561 922	33 851	29 195	13 574	7 073	2 426	5 122
	1982	454 006	42 269	37 955	25 450	9 451	539	2 515
Harvested cropland	farms, 1987	2 549	96	112	44	38	13	17
	1982	2 292	127	144	68	39	9	8
	acres, 1987	305 033	19 547	17 716	8 927	4 134	1 547	3 108
	1982	287 967	29 185	28 136	19 306	6 410	383	2 035
1987 FARMS BY SIZE								
1 to 9 acres		404	5	12	2	2	4	4
10 to 49 acres		660	12	23	11	10	2	-
50 to 139 acres		838	23	21	6	11	2	2
140 to 219 acres		591	11	18	7	7	-	4
220 to 499 acres		630	38	33	12	9	6	6
500 acres or more		219	16	17	9	3	1	4
1987 OWNED AND RENTED LAND IN FARMS								
Owned land in farms	farms	2 959	87	89	33	33	12	11
	acres	413 725	16 779	11 895	4 862	3 822	(D)	(D)
Rented or leased land in farms	farms	850	45	60	27	15	6	12
	acres	148 197	17 072	16 300	8 712	3 251	(D)	(D)
TENURE OF OPERATOR								
Full owners	farms, 1987	2 492	60	64	20	27	9	8
	1982	2 123	65	74	38	24	8	4
	acres, 1987	326 067	10 338	7 799	(D)	2 962	971	(D)
	1982	254 409	9 029	9 899	5 889	2 548	(D)	(D)
Part owners	farms, 1987	467	27	25	13	6	3	3
	1982	425	43	54	38	13	-	3
	acres, 1987	166 228	16 984	10 127	5 625	2 528	(D)	(D)
	1982	132 134	25 044	21 666	15 821	5 155	-	690
Tenants	farms, 1987	383	18	35	14	9	3	9
	1982	409	30	30	17	9	2	2
	acres, 1987	69 627	6 529	10 269	(D)	1 583	(D)	2 440
	1982	67 463	8 196	6 390	3 740	1 748	(D)	(D)
1987 FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)		2 730	84	103	37	40	10	16
Partnership		427	8	13	7	1	4	1
Family held corporation		131	9	3	-	-	1	2
Other than family held corporation		10	1	-	-	-	-	-
Other—cooperative, estate or trust, institutional, etc.		44	3	5	3	1	-	1
1987 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales	farms	3 342	105	124	47	42	15	20
	$1,000	115 934	6 543	5 673	2 698	1 004	883	1 088
Crops, including nursery and greenhouse crops	farms	2 179	92	93	40	28	10	15
	$1,000	51 330	2 947	2 706	1 631	417	189	470
Livestock, poultry, and their products	farms	2 075	62	78	24	29	10	15
	$1,000	64 604	3 596	2 967	1 067	588	695	618
Farms by value of sales:								
Less than $2,500		646	7	27	10	13	2	2
$2,500 to $9,999		815	16	14	2	6	4	2
$10,000 to $19,999		605	14	20	8	8	1	3
$20,000 to $24,999		189	7	7	2	3	2	-
$25,000 or more		1 087	61	56	25	12	6	13
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		1 431	55	57	34	10	4	9
Field crops, except cash grains (013)		92	1	6	1	5	-	-
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		92	1	6	1	5	-	-
Vegetables and melons (016)		13	-	3	1	-	2	-
Fruits and tree nuts (017)		13	-	-	-	-	-	-
Horticultural specialties (018)		22	-	-	-	-	-	-
General farms, primarily crop (019)		46	1	3	-	3	-	-
Livestock, except dairy, poultry, and animal specialties (021)		1 365	37	43	10	18	8	7
Beef cattle, except feedlots (0212)		576	7	13	3	6	-	2
Dairy farms (024)		122	5	6	1	2	1	2
Poultry and eggs (025)		38	1	-	-	-	-	-
Animal specialties (027)		156	1	6	-	4	-	2
General farms, primarily livestock and animal specialties (029)		44	4	-	-	-	-	-

See footnotes at end of table.

Table 17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Female operators	Operators of Spanish origin[1]	Farms operated by Black and other races: Total	Black	American Indian	Asian
1987 OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	2 318	70	91	32	34	10
Not on farm operated	806	34	27	14	5	4
Not reported	218	1	6	1	3	1
Operators by principal occupation:						
Farming	1 848	75	76	27	24	10
Other	1 494	30	48	20	18	5
Operators by days of work off farm:						
None	1 668	59	51	23	14	8
Any	2 347	65	61	35	35	12
1 to 99 days	243	13	15	4	7	1
100 to 199 days	1 187	28	12	18	16	6
200 days or more	917	24	34	13	12	5
Not reported	244	5	12	2	5	-
Operators by years on present farm:						
2 years or less	269	7	11	3	5	1
3 or 4 years	252	7	4	-	-	2
5 to 9 years	481	15	23	7	9	2
10 years or more	1 722	58	54	25	20	3
Average years on present farm	19.9	17.9	16.6	17.8	18.0	15.1
Not reported	618	18	32	12	8	7
Operators by age group:						
Under 25 years	45	3	4	-	3	-
25 to 34 years	237	20	22	10	4	3
35 to 44 years	435	20	33	13	11	3
45 to 54 years	552	8	24	10	11	2
55 to 59 years	451	19	3	1	-	1
60 to 64 years	461	13	5	1	4	-
65 to 69 years	416	9	12	4	-	4
70 years and over	745	13	21	8	9	2
Average age	57.6	51.4	50.0	48.7	49.9	55.9
Operators by sex:						
Male	(X)	103	114	43	38	14
Female	3 342	2	10	4	4	1
Operators of Spanish origin[1]	2	105	7	3	1	-
1987 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS						
Amount received from Commodity Credit Corporation loans ......farms	952	52	38	21	7	3
$1,000	19 147	1 038	785	540	158	33
Government payments received ......farms	1 855	72	54	22	15	7
$1,000	17 446	917	725	384	124	(D)

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[1] See chapter 1, table 16 for operators not of or not reporting Spanish origin.

Table 18. Selected Characteristics of Farms by Standard Industrial Classification: 1987

[For meaning of abbreviations and symbols, see introductory text]

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Value of selected capital assets[1], average per farm (dollars)		Market value of agricultural products sold ($1,000)		
				Land and buildings	Machinery and equipment	Total	Crops, including nursery and greenhouse crops	Livestock, poultry, and their products
Total	**105 180**	**31 638 130**	**20 484 178**	**283 597**	**52 644**	**8 926 799**	**3 660 117**	**5 266 682**
Crops (01)	53 376	18 537 163	12 895 987	334 940	56 063	3 237 578	2 737 047	500 531
Cash grains (011)	50 200	18 137 472	12 688 908	346 601	57 960	3 142 700	2 659 099	483 601
Wheat (0111)	28	5 615	1 544	180 065	31 761	153	144	9
Rice (0112)	-	-	-	-	-	-	-	-
Corn (0115)	21 086	7 297 153	5 048 964	342 529	56 371	1 173 210	1 113 486	59 724
Soybeans (0116)	14 957	4 539 472	3 337 955	300 474	51 998	712 336	695 109	17 226
Cash grains, n.e.c. (0119)	14 129	6 295 226	4 300 445	405 099	67 100	1 257 002	850 359	406 642
Field crops, except cash grains (013)	1 451	131 518	62 399	86 444	15 976	10 682	10 111	571
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets (0133)	1	(D)	(D)	-	-	(D)	(D)	-
Irish potatoes (0134)	9	(D)	(D)	398 700	97 000	(D)	(D)	(D)
Field crops, except cash grains, n.e.c. (0139)	1 441	126 235	58 560	83 966	15 323	9 116	(D)	(D)
Vegetables and melons (016)	213	15 931	9 613	127 358	23 398	5 687	5 577	110
Fruits and tree nuts (017)	195	7 090	2 553	102 381	17 729	2 713	2 654	59
Berry crops (0171)	41	(D)	(D)	33 500	3 266	264	262	2
Grapes (0172)	1	(D)	(D)	-	-	(D)	(D)	-
Tree nuts (0173)	-	-	-	-	-	-	-	-
Citrus fruits (0174)	-	-	-	-	-	-	-	-
Deciduous tree fruits (0175)	104	4 635	1 816	135 898	24 506	2 260	2 210	50
Fruits and tree nuts, n.e.c. (0179)	49	1 399	478	73 377	12 057	(D)	(D)	7
Horticultural specialties (018)	278	13 229	7 197	186 125	40 771	38 520	38 413	108
Ornamental floriculture and nursery products (0181)	274	13 179	7 159	185 008	40 664	37 869	37 761	108
Food crops grown under cover (0182)	4	50	38	480 000	66 938	651	651	-
General farms, primarily crop (019)	1 039	231 923	125 317	191 247	30 280	37 276	21 193	16 082
Livestock and animal specialties (02)	51 804	13 100 967	7 588 191	229 190	49 444	5 689 221	923 070	4 766 151
Livestock, except dairy, poultry, and animal specialties (021)	43 979	11 483 078	6 624 630	233 016	49 112	4 946 285	836 909	4 109 376
Beef cattle feedlots (0211)	7 275	2 510 111	1 514 664	316 540	63 844	1 556 119	170 587	1 385 532
Beef cattle, except feedlots (0212)	10 095	1 722 370	503 620	110 139	21 931	274 761	39 459	235 302
Hogs (0213)	19 035	4 696 379	3 083 708	246 360	56 366	2 362 775	414 190	1 948 585
Sheep and goats (0214)	1 710	80 313	21 274	62 592	10 190	29 256	2 069	27 187
General livestock, except dairy, poultry, and animal specialties (0219)	5 864	2 473 905	1 501 364	350 151	66 118	723 374	210 604	512 770
Dairy farms (024)	4 209	997 836	621 736	224 068	61 652	392 666	38 381	354 286
Poultry and eggs (025)	570	72 274	43 710	210 700	59 095	196 398	8 725	187 673
Broiler, fryer, and roaster chickens (0251)	48	1 317	(D)	46 615	5 905	365	(D)	(D)
Chicken eggs (0252)	321	31 150	19 292	173 514	53 482	98 800	3 964	94 836
Turkeys and turkey eggs (0253)	146	34 433	22 271	395 453	100 947	88 109	4 455	83 654
Poultry hatcheries (0254)	13	209	(D)	439 167	259 503	7 706	(D)	(D)
Poultry and eggs, n.e.c. (0259)	42	5 165	1 792	114 827	17 112	1 418	282	1 136
Animal specialties (027)	1 601	64 967	9 311	70 620	12 621	14 105	749	13 355
Fur-bearing animals and rabbits (0271)	66	4 367	1 922	145 980	59 182	5 419	343	5 076
Horses and other equines (0272)	1 364	55 086	6 329	70 287	10 777	5 082	306	4 776
Animal aquaculture (0273)	8	1 291	(D)	131 250	34 375	248	(D)	(D)
Animal specialties, n.e.c. (0279)	163	4 223	(D)	42 105	12 995	3 355	(D)	(D)
General farms, primarily livestock and animal specialties (029)	1 445	482 812	288 804	307 652	60 214	139 767	38 306	101 461

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[1] Data are based on a sample of farms.

Table 19. Selected Characteristics of Abnormal Farms: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		1987	1982
Farms	number	45	44
Land in farms	acres	19 811	22 410
Average size of farm	acres	440	509
Value of land and buildings[1]	$1,000	24 798	43 498
Average per farm	dollars	551 067	988 591
Average per acre	dollars	1 252	1 941
Estimated market value of all machinery and equipment[1]	$1,000	2 575	3 478
Land in farms according to use:			
Total cropland	farms	41	41
	acres	12 183	15 811
Harvested cropland	farms	40	39
	acres	8 776	12 308
Cropland used only for pasture or grazing	farms	18	18
	acres	2 309	1 708
Other cropland	farms	22	(NA)
	acres	1 098	1 795
Total woodland	farms	16	8
	acres	1 981	463
Woodland pastured	farms	7	5
	acres	(D)	396
Woodland not pastured	farms	11	3
	acres	(D)	67
Pastureland and rangeland other than cropland and woodland pastured	farms	19	13
	acres	3 861	3 070
Land in house lots, ponds, roads, wasteland, etc.	farms	35	38
	acres	1 766	3 066
Irrigated land	farms	-	-
	acres	-	-

Characteristics		1987	198
Market value of agricultural products sold	$1,000	4 431	5 75
Average per farm	dollars	98 462	130 72
Crops, including nursery and greenhouse crops	$1,000	1 060	1 15
Livestock, poultry, and their products	$1,000	3 351	4 5
Total farm production expenses[1]	$1,000	3 564	(N
Average per farm	dollars	79 204	(N
Tenure of operator:			
Full owners		25	2
Part owners		9	
Tenants		11	
Abnormal farms by standard industrial classification:			
Cash grains (011)		15	
Field crops, except cash grains (013)		1	
Cotton (0131)		-	
Tobacco (0132)		-	
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		1	
Vegetables and melons (016)		-	
Fruits and tree nuts (017)		-	
Horticultural specialties (018)		-	
General farms, primarily crop (019)		1	
Livestock, except dairy, poultry, and animal specialties (021)		22	
Beef cattle, except feedlots (0212)		2	
Dairy farms (024)		2	
Poultry and eggs (025)		1	
Animal specialties (027)		-	
General farms, primarily livestock and animal specialties (029)		3	

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[1] Data are based on a sample of farms.

Table 20. **Livestock and Poultry—Inventory and Sales: 1987, 1982, and 1978**

[For meaning of abbreviations and symbols, see introductory text]

Item		Inventory			Sales		
		Farms	Number	Value[1] ($1,000)	Farms	Number	Value ($1,000)
Livestock and poultry	1987	73 046	(X)	3 474 370	72 438	(X)	5 266 682
	1982	85 897	(X)	3 746 734	85 613	(X)	5 685 846
	1978	93 352	(X)	4 035 312	93 571	(X)	5 039 742
Poultry	1987	6 472	(X)	27 306	3 643	(X)	192 229
	1982	9 281	(X)	25 257	5 206	(X)	164 052
	1978	11 707	(X)	23 997	7 166	(X)	144 609
Livestock	1987	72 312	(X)	3 447 064	71 761	(X)	5 074 453
	1982	85 041	(X)	3 721 477	84 897	(X)	5 521 794
	1978	92 325	(X)	4 011 315	92 749	(X)	4 895 133
Any cattle, hogs, or sheep	1987	68 468	(X)	3 417 395	70 301	(X)	4 665 030
	1982	81 743	(X)	3 700 966	83 639	(X)	5 077 366
	1978	39 756	(X)	4 001 977	91 745	(X)	4 569 703
Cattle and calves	1987	49 469	4 303 682	2 353 512	50 509	3 539 020	2 124 641
	1982	62 412	5 822 486	2 358 051	62 765	4 595 676	2 500 175
	1978	69 226	6 531 710	2 660 650	70 693	5 457 944	2 483 937
Cows and heifers that had calved	1987	38 373	1 418 633	948 493	(NA)	(NA)	(NA)
	1982	46 561	1 876 061	961 016	(NA)	(NA)	(NA)
	1978	53 235	1 946 154	1 019 021	(NA)	(NA)	(NA)
Beef cows	1987	32 279	1 123 745	674 247	(NA)	(NA)	(NA)
	1982	41 117	1 536 397	614 559	(NA)	(NA)	(NA)
	1978	44 755	1 606 685	771 209	(NA)	(NA)	(NA)
Milk cows	1987	7 748	294 888	274 246	(NA)	(NA)	(NA)
	1982	10 485	339 664	346 457	(NA)	(NA)	(NA)
	1978	12 623	339 469	247 812	(NA)	(NA)	(NA)
Hogs and pigs	1987	36 670	12 963 074	1 019 173	38 638	23 483 812	2 494 231
	1982	45 768	14 332 644	1 318 599	49 012	23 801 117	2 550 488
	1978	57 325	14 695 418	1 315 240	60 065	22 082 311	2 061 298
Feeder pigs sold	1987	(X)	(X)	(X)	8 972	4 460 979	209 249
	1982	(X)	(X)	(X)	10 819	4 308 868	207 325
	1978	(X)	(X)	(X)	12 676	3 851 207	170 584
Sheep and lambs[2]	1987	8 638	451 617	44 710	8 806	607 492	46 157
	1982	9 988	486 316	24 316	10 327	496 676	26 703
	1978	8 627	380 824	26 086	8 933	394 255	24 468
Horses and ponies	1987	11 647	59 338	29 669	2 453	9 909	7 487
	1982	14 106	68 368	20 510	2 917	10 809	10 709
	1978	14 679	62 257	9 339	2 659	9 590	6 750
Chickens 3 months old or older[3]	1987	4 897	9 580 666	15 192	908	9 873 596	(NA)
	1982	7 637	9 584 663	16 429	2 156	10 248 391	(NA)
	1978	10 050	9 343 813	16 077	3 326	10 607 149	(NA)
Hens and pullets of laying age	1987	4 834	8 212 576	13 140	847	5 606 848	(NA)
	1982	7 543	8 234 227	13 996	2 095	5 274 345	(NA)
	1978	9 932	8 107 303	14 593	3 248	6 133 863	(NA)
Broilers and other meat-type chickens	1987	1 541	255 584	176	1 060	666 016	(NA)
	1982	1 991	215 257	129	1 041	429 389	(NA)
	1978	2 129	278 826	223	1 142	675 938	(NA)
Turkeys	1987	895	2 437 135	11 938	407	9 594 632	(NA)
	1982	841	1 493 036	8 699	337	7 297 838	(NA)
	1978	515	1 421 183	7 697	278	6 677 299	(NA)

[1] Data are estimated; see text.
[2] Value of sales includes sheep, lambs, and wool sold.
[3] Sales for 1987 include pullets of less than 3 months old.

Table 21. **Poultry—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
INVENTORY				
Chickens 3 months old or older	4 897	9 580 666	7 637	9 584 663
Farms with—				
1 to 3,199	4 631	387 751	7 282	753 238
3,200 to 9,999	93	614 487	149	996 660
10,000 or more	173	8 578 428	206	7 834 765
Hens and pullets of laying age	4 834	8 212 576	7 543	8 234 227
Farms with—				
1 to 99	3 623	97 719	5 220	149 793
100 to 399	816	147 691	1 634	300 088
400 to 3,199	151	114 111	350	256 674
3,200 to 9,999	90	606 452	150	1 001 603
10,000 to 19,999	79	999 137	105	1 373 243
20,000 to 49,999	39	1 212 090	53	1 616 385
50,000 to 99,999	22	1 455 372	19	1 127 219
100,000 or more	14	3 580 004	12	2 409 222
Broilers and other meat-type chickens	1 541	255 584	1 991	215 257
Turkeys	895	2 437 135	841	1 493 036
For slaughter	680	2 365 246	624	1 392 558
Hens kept for breeding	345	71 889	355	100 478
Ducks, geese, and other poultry	1 509	(X)	1 977	(X)

Item	1987		1982	
	Farms	Number	Farms	Number
SALES				
Hens and pullets[1]	908	9 873 596	2 156	10 248 391
Farms with—				
1 to 3,199	616	128 910	1 784	430 275
3,200 to 9,999	121	776 486	196	1 210 198
10,000 or more	171	8 968 200	176	8 607 918
Hens and pullets of laying age	847	5 606 848	2 095	5 274 345
Farms with—				
1 to 99	325	11 492	645	26 677
100 to 399	201	36 943	910	183 069
400 to 3,199	69	70 250	215	216 965
3,200 to 9,999	117	754 906	192	1 185 234
10,000 to 19,999	75	995 681	75	998 747
20,000 to 49,999	34	1 063 418	41	1 264 946
50,000 to 99,999	15	1 066 833	12	759 314
100,000 or more	11	1 587 325	5	639 393
Broilers and other meat-type chickens	1 060	666 016	1 041	429 389
Turkeys	407	9 594 632	337	7 297 838
For slaughter	382	9 527 469	314	7 216 491
Hens kept for breeding	44	67 163	37	81 347
Ducks, geese, and other poultry	387	(X)	431	(X)

[1] Sales for 1987 include pullets of less than 3 months old.

Table 22. Broilers and Started Pullets—Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Number sold	Broilers and other meat-type chickens				Pullets not of laying age		Pullets 3 months old or older n of laying age	
	1987		1982		1987		1982	
	Farms	Number	Farms	Number	Farms	Number	Farms	Numb
Total	**1 060**	**688 016**	**1 041**	**429 389**	**86**	**4 266 748**	**86**	**4 974 0**
Farms with—								
1 to 1,999	1 021	231 336	1 012	188 795	42	7 991	29	
2,000 to 15,999	33	140 880	24	107 584	6	35 814	8	
16,000 to 29,999	3	63 500	3	(D)	5	117 000	9	219 5
30,000 to 59,999	2	(D)	2	(D)	7	340 000	6	273 5
60,000 to 99,999	-	-	-	-	11	768 858	15	1 153 1
100,000 to 199,999	1	(D)	-	-	9	1 191 060	13	1 861 2
200,000 to 499,999	-	-	-	-	5	(D)	6	1 410 0
200,000 to 299,999	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(N
300,000 to 499,999	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(N
500,000 or more	-	-	-	-	1	(D)	-	

Table 23. Poultry—Inventory and Sales by Size of Flock: 1987

[For meaning of abbreviations and symbols, see introductory text]

Chickens 3 months old or older	Inventory									
	Chickens 3 months old or older						Pullet chicks and pullets under 3 months old		Broilers and other meat-type chickens	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Num
Total inventory	4 897	9 580 666	4 834	8 212 576	487	1 368 090	94	953 199	806	97
Farms with—										
1 to 99	3 615	100 544	3 582	95 299	311	5 245	61	1 608	658	69
100 to 399	841	152 725	832	144 079	106	8 646	18	1 671	119	16
400 to 1,599	158	96 464	158	86 119	32	10 345	1	(D)	26	10
1,600 to 3,199	17	38 018	16	30 464	5	7 554	2	(D)	-	
3,200 to 9,999	93	614 487	89	591 137	6	23 350	1	(D)	3	
10,000 to 19,999	82	1 033 012	81	1 001 212	4	31 800	2	(D)	-	
20,000 to 49,999	50	1 508 490	40	1 228 890	11	279 600	1	(D)	-	
50,000 to 99,999	25	1 703 922	21	1 396 872	4	307 050	2	(D)	-	
100,000 or more	16	4 333 004	15	3 638 504	8	694 500	6	865 500	-	
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	23	427 844	735	157

Chickens 3 months old or older	Sales									
	Hens and pullets						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	V ($1,
Total inventory	805	7 395 576	772	5 308 805	55	2 086 771	374	121 908	2 454	95
Farms with—										
1 to 99	259	104 268	249	103 799	18	469	272	78 176	1 192	
100 to 399	201	32 536	199	31 521	7	1 015	79	26 315	823	1
400 to 1,599	72	29 156	71	27 738	4	1 418	18	(D)	157	
1,600 to 3,199	9	20 314	8	(D)	2	(D)	1	(D)	16	
3,200 to 9,999	93	520 970	90	503 340	5	17 630	4	1 992	93	5
10,000 to 19,999	82	870 037	81	(D)	1	(D)	-	-	82	9
20,000 to 49,999	49	1 607 911	39	920 911	11	687 000	-	-	50	12
50,000 to 99,999	25	1 754 837	21	1 114 812	4	640 025	-	-	25	18
100,000 or more	15	2 455 547	14	1 745 547	3	710 000	-	-	16	45
No inventory	103	2 478 020	75	298 043	31	2 179 977	686	544 108	1 189	97

Table 24. **Turkeys—Sales by Number Sold Per Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Turkeys	Total		Sales for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold	407	9 584 632	382	9 527 469	44	67 163
Farms with—						
1 to 1,999	228	11 010	213	9 097	26	1 913
2,000 to 7,999	36	175 823	26	135 773	10	40 050
8,000 to 15,999	21	229 178	21	(D)	1	(D)
16,000 to 29,999	36	809 655	36	(D)	1	(D)
30,000 to 59,999	43	1 849 412	43	1 849 412	-	-
60,000 to 99,999	25	1 864 376	25	(D)	1	(D)
100,000 or more	18	4 655 178	18	4 642 976	3	12 200

Table 25. **Cattle and Calves—Inventory: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Cattle and calves	49 469	4 303 662	62 412	5 822 488
Farms with—				
1 to 9	4 928	25 026	5 919	29 783
10 to 19	5 734	80 721	6 410	91 276
20 to 49	13 985	458 833	16 782	557 424
50 to 99	12 289	863 466	15 755	1 106 870
100 to 199	8 310	1 111 080	11 296	1 521 816
200 to 499	3 423	961 296	5 122	1 450 807
500 to 999	587	386 611	837	546 178
1,000 to 2,499	166	230 656	248	338 515
2,500 or more	47	185 993	43	179 819
Cows and heifers that had calved	38 373	1 418 633	48 561	1 876 061
Farms with—				
1 to 9	6 127	31 086	7 297	35 765
10 to 19	7 851	110 322	9 493	133 573
20 to 49	15 214	477 586	19 486	611 326
50 to 99	7 007	457 594	9 154	597 564
100 to 199	1 826	226 660	2 570	318 379
200 to 499	310	83 457	504	132 418
500 to 999	31	19 485	44	26 860
1,000 or more	7	12 441	13	20 176
Beef cows	32 279	1 123 745	41 117	1 536 397
Farms with—				
1 to 9	5 883	30 117	6 937	34 856
10 to 19	7 337	102 885	8 774	123 148
20 to 49	12 314	378 182	15 819	487 541
50 to 99	4 965	325 104	6 903	452 663
100 to 199	1 467	182 308	2 152	267 290
200 to 499	276	74 024	476	124 724
500 to 999	30	18 684	43	26 000
1,000 or more	7	12 441	13	20 175
Milk cows	7 748	294 888	10 485	339 664
Farms with—				
1 to 4	880	1 434	1 774	2 634
5 to 9	278	1 983	388	2 713
10 to 29	2 008	39 483	3 010	58 216
30 to 49	2 332	88 813	2 983	111 564
50 to 99	1 955	123 685	2 048	128 746
100 to 199	272	32 759	264	30 962
200 to 499	22	(D)	18	4 827
500 or more	1	(D)	-	-
Heifers and heifer calves	38 383	1 275 321	48 981	1 663 560
Steers, steer calves, bulls, and bull calves	42 527	1 609 726	54 603	2 282 867

Table 26. Cattle and Calves—Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Cattle and calves sold	50 509	3 539 020	2 124 641	62 765	4 595 676	2 500 175
Farms with—						
1 to 9	9 997	50 706	23 405	11 711	59 919	23 63
10 to 19	10 678	149 712	68 066	12 552	175 664	69 18
20 to 49	16 239	505 387	241 719	20 119	625 968	261 22
50 to 99	7 185	487 377	259 649	9 131	619 954	291 79
100 to 199	3 336	446 583	262 424	4 839	652 197	346 45
200 to 499	2 052	605 600	385 324	3 026	892 200	517 39
500 to 999	643	425 222	284 098	954	623 677	384 39
1,000 to 2,499	286	402 877	274 763	339	486 430	307 33
2,500 or more	93	465 556	325 193	94	457 427	298 747
Cattle sold	43 833	3 183 624	2 023 290	53 792	4 100 923	2 377 74
Farms with—						
1 to 9	10 808	50 980	26 248	13 144	61 390	27 51
10 to 19	8 851	122 463	63 737	10 232	141 106	65 26
20 to 49	12 448	385 556	209 885	14 694	455 962	222 67
50 to 99	5 856	398 851	231 587	7 284	496 673	258 65
100 to 199	2 967	398 311	246 730	4 268	577 292	324 31
200 to 499	1 923	569 886	374 362	2 837	840 224	502 54
500 to 999	611	404 836	276 763	912	597 785	376 38
1,000 or more	369	851 741	593 978	421	930 271	600 16
Cattle fattened on grain and concentrates sold	22 503	2 405 669	1 643 176	28 535	3 140 912	1 966 12
Farms with—						
1 to 9	4 447	20 705	12 598	5 179	24 358	13 22
10 to 19	3 847	53 578	33 372	4 616	64 246	35 70
20 to 49	6 270	196 879	124 824	7 660	241 050	137 98
50 to 99	3 433	236 926	156 262	4 440	305 288	179 25
100 to 199	2 044	278 518	186 559	3 137	426 263	259 15
200 to 499	1 596	477 160	326 634	2 320	692 886	432 93
500 to 999	526	347 116	244 581	798	524 036	340 16
1,000 to 2,499	254	357 730	252 811	294	427 677	279 92
2,500 or more	86	437 057	305 537	91	435 108	267 74
Calves sold	16 116	355 396	101 352	21 612	494 753	122 43
Farms with—						
1 to 9	6 057	26 638	7 140	7 609	34 566	7 69
10 to 19	4 373	59 443	15 934	5 718	77 535	17 72
20 to 49	4 340	125 659	35 361	6 217	181 298	43 40
50 to 99	960	62 243	19 102	1 526	99 333	26 52
100 to 199	276	34 689	10 673	391	49 406	13 93
200 to 499	81	22 165	5 664	124	32 744	8 35
500 or more	29	24 559	7 477	27	19 869	4 79

Table 27. Cattle and Calves—Inventory and Sales by Size of Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Valu ($1,00
Total inventory	49 469	4 303 682	38 373	1 418 633	38 383	1 275 321	42 527	1 609 728	47 765	3 380 301	2 027 30
Farms with—											
1 to 9	4 928	25 026	2 578	8 724	2 740	6 703	3 382	9 599	3 241	33 249	17 66
10 to 19	5 734	80 721	4 065	34 848	3 830	20 452	4 578	25 421	5 732	71 280	34 25
20 to 49	13 985	458 833	11 449	212 806	10 718	113 592	12 157	132 435	13 982	308 700	147 51
50 to 99	12 289	863 466	10 511	373 474	10 459	235 143	11 018	254 849	12 285	503 051	261 76
100 to 199	8 310	1 111 080	6 985	430 651	7 249	328 774	7 554	351 655	8 306	655 903	368 75
200 to 499	3 423	961 296	2 432	267 208	2 795	293 824	3 135	400 264	3 419	774 033	488 28
500 to 999	587	386 611	262	56 900	432	132 057	510	197 654	587	435 424	293 74
1,000 to 2,499	166	230 656	62	23 265	123	74 884	150	132 507	166	301 811	207 09
2,500 or more	47	185 993	9	10 757	37	69 892	43	105 344	47	296 850	208 24
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2 744	158 719	97 33

Table 28. Cattle and Calves—Inventory and Sales by Size of Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Cows and heifers that had calved	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total inventory	38 373	3 074 811	38 373	1 418 633	32 129	811 572	33 871	844 606	37 520	1 721 170	921 606
Farms with—											
1 to 4	2 601	28 356	2 601	6 605	1 828	9 911	1 952	11 840	1 845	24 756	13 333
5 to 9	3 526	60 388	3 526	24 481	2 786	16 875	2 981	19 032	3 444	39 917	19 763
10 to 19	7 851	250 658	7 851	110 322	6 358	63 829	7 033	76 507	7 647	154 563	76 941
20 to 29	6 717	350 074	6 717	159 158	5 644	91 426	6 061	99 490	6 715	205 083	105 274
30 to 49	8 497	626 231	8 497	318 430	7 367	185 375	7 563	182 426	8 494	352 395	182 152
50 to 99	7 007	986 449	7 007	457 594	6 284	265 105	6 316	263 750	7 004	511 069	275 219
100 to 199	1 826	481 739	1 826	226 660	1 620	124 662	1 666	130 417	1 824	269 383	151 511
200 to 499	310	171 880	310	83 457	254	42 579	268	45 844	309	114 479	67 713
500 to 999	31	42 223	31	19 485	23	9 510	24	13 228	31	36 533	23 082
1,000 or more	7	16 813	7	12 441	5	2 300	5	2 072	7	12 070	6 617
No inventory	11 096	1 228 871	(X)	(X)	6 254	463 749	8 656	765 122	12 969	1 817 850	1 203 036

Table 29. Cattle and Calves—Inventory and Sales by Size of Beef Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Beef cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Beef cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	32 279	2 540 997	32 279	1 166 956	32 279	1 123 745	26 480	623 842	29 284	750 199
Farms with—										
1 to 4	2 455	34 766	2 455	10 960	2 455	6 367	1 773	11 772	1 903	12 034
5 to 9	3 428	67 301	3 428	28 202	3 426	23 750	2 702	19 009	2 945	20 091
10 to 19	7 337	248 891	7 337	110 867	7 337	102 885	5 914	61 198	6 683	76 826
20 to 29	5 858	321 177	5 858	146 217	5 858	138 371	4 869	80 037	5 416	94 923
30 to 49	6 456	538 488	6 456	249 312	6 456	239 811	5 410	131 640	6 004	157 536
50 to 99	4 965	724 061	4 965	331 495	4 965	325 104	4 292	174 489	4 694	218 077
100 to 199	1 467	395 967	1 467	184 155	1 467	182 308	1 270	97 086	1 371	114 726
200 to 499	276	152 110	276	74 622	276	74 024	222	36 802	239	40 686
500 to 999	30	41 423	30	18 685	30	18 684	23	9 510	24	13 228
1,000 or more	7	16 813	7	12 441	7	12 441	5	2 300	5	2 072
No inventory	17 190	1 762 685	6 094	251 677	(X)	(X)	11 903	651 479	13 243	859 529

Beef cows	Cattle and calves sales											
	Total			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total inventory	31 561	1 530 934	838 552	26 843	1 301 587	766 957	13 009	829 026	548 328	10 475	229 347	71 595
Farms with—												
1 to 4	1 805	23 487	12 148	1 513	19 357	11 057	621	9 933	6 414	671	4 130	1 091
5 to 9	3 369	41 896	20 696	2 755	33 099	18 126	1 105	16 270	10 154	1 260	8 797	2 571
10 to 19	7 333	151 703	76 251	6 053	120 997	66 944	2 526	64 978	41 257	2 687	30 706	9 307
20 to 29	5 857	192 666	100 623	4 943	157 034	89 954	2 370	95 191	62 106	1 991	35 632	10 669
30 to 49	6 454	303 710	163 131	5 551	251 271	146 237	2 920	158 627	104 378	2 021	52 439	16 894
50 to 99	4 964	426 132	237 295	4 396	366 002	218 216	2 465	238 510	159 653	1 408	60 130	19 079
100 to 199	1 467	236 964	136 203	1 337	210 848	127 476	811	142 088	95 062	369	26 116	8 726
200 to 499	275	105 773	62 686	262	99 189	60 373	165	66 863	44 416	57	6 584	2 313
500 to 999	30	35 633	22 902	28	34 026	22 325	23	28 779	19 789	7	1 607	577
1,000 or more	7	12 970	6 617	5	9 764	6 249	3	7 787	5 099	4	3 206	368
No inventory	18 948	2 008 086	1 286 090	16 990	1 882 037	1 256 333	9 494	1 576 643	1 094 849	5 641	126 049	29 757

Table 30. Cattle and Calves—Inventory and Sales by Size of Milk Cow Herd: 1987

[For meaning of abbreviations and symbols, see introductory text]

Milk cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	7 748	709 720	7 748	339 792	7 748	294 888	7 151	231 254	6 143	138 674
Farms with—										
1 to 4	880	35 473	880	14 969	880	1 434	690	9 775	716	10 729
5 to 9	278	8 100	278	3 856	278	1 983	230	2 197	210	2 047
10 to 19	870	34 062	870	15 522	870	12 357	768	10 210	881	8 330
20 to 29	1 138	65 941	1 138	32 068	1 138	27 126	1 046	20 399	922	13 474
30 to 49	2 332	205 417	2 332	99 120	2 332	88 613	2 240	66 758	1 650	39 539
50 to 99	1 955	275 147	1 955	132 454	1 955	123 685	1 892	93 695	1 531	48 998
100 to 199	272	69 923	272	34 687	272	32 759	265	23 739	216	11 497
200 to 499	22	(D)	22	(D)	22	(D)	20	4 481	17	4 060
500 or more	1	(D)	1	(D)	1	(D)	-	-	-	-
No inventory	41 721	3 503 962	30 625	1 078 841	(X)	(X)	31 232	1 044 067	36 384	1 471 054

Milk cows	Cattle and calves sales							Dairy product sales	
	Total			Cattle		Calves			
	Farms	Number	Value ($1,000)	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total inventory	7 583	260 509	118 176	6 474	185 514	4 186	74 995	6 855	387 875
Farms with—									
1 to 4	738	20 405	10 276	610	15 842	316	4 563	100	322
5 to 9	261	3 686	1 655	215	2 731	138	955	194	1 471
10 to 19	870	15 262	6 709	723	10 580	469	4 682	841	12 786
20 to 29	1 137	25 924	11 171	977	17 807	661	8 117	1 138	31 212
30 to 49	2 331	70 730	30 539	1 994	49 729	1 325	21 001	2 332	113 382
50 to 99	1 953	91 098	41 360	1 698	63 967	1 122	27 131	1 955	170 936
100 to 199	270	25 443	12 103	236	18 627	140	6 816	272	47 818
200 to 499	22	(D)	(D)	20	(D)	14	(D)	22	(D)
500 or more	1	(D)	(D)	1	(D)	1	(D)	1	(D)
No inventory	42 926	3 278 511	2 006 465	37 359	2 998 110	11 930	280 401	193	4 409

Table 31. Cattle and Calves—Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Cattle and calves	Cattle and calves			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	50 509	3 539 020	2 124 641	43 833	3 183 624	2 023 290	22 503	2 405 669	1 643 176	16 116	355 396	101 352
Farms with—												
1 to 4	4 211	10 911	5 206	3 391	8 273	4 472	1 313	3 254	2 002	1 201	2 638	734
5 to 9	5 786	39 795	18 199	4 669	28 834	15 087	1 859	11 196	6 836	2 086	10 961	3 112
10 to 19	10 678	149 712	68 066	8 783	107 112	56 216	3 604	44 128	27 287	4 125	42 600	11 851
20 to 49	16 239	505 387	241 719	14 126	384 917	208 407	6 732	183 941	116 583	5 815	120 470	33 311
50 to 99	7 185	487 377	259 649	6 654	410 889	237 234	3 988	237 756	156 273	1 942	76 488	22 415
100 to 199	3 336	446 583	262 424	3 197	404 493	249 852	2 371	287 350	192 284	619	42 090	12 572
200 to 499	2 052	605 600	385 324	2 010	576 201	377 226	1 718	482 338	329 727	243	29 399	8 098
500 to 999	643	425 222	284 098	628	408 472	279 349	571	357 988	252 056	59	16 750	4 749
1,000 or more	379	868 433	599 956	375	854 433	595 447	347	797 718	560 127	26	14 000	4 509

Table 32. Hogs and Pigs—Inventory: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Number
Total hogs and pigs	36 670	12 983 074	45 768	14 332 444
Farms with—				
1 to 24	3 530	42 649	4 636	55 308
25 to 49	2 560	91 005	3 419	121 726
50 to 99	4 220	299 808	5 723	407 606
100 to 199	6 766	951 249	9 005	1 249 137
200 to 499	11 269	3 523 643	13 906	4 276 523
500 to 999	5 768	3 837 424	6 612	4 358 898
1,000 to 1,999	2 010	2 576 756	2 003	2 545 851
2,000 to 4,999	499	1 334 486	437	1 144 361
5,000 or more	48	326 054	27	173 035
Hogs and pigs used or to be used for breeding	26 944	1 657 873	34 170	1 700 805
Farms with—				
1 to 24	8 545	113 898	13 627	178 458
25 to 49	6 939	241 469	8 997	310 234
50 to 99	6 848	459 585	7 353	482 575
100 to 199	3 467	441 236	3 204	400 935
200 or more	1 145	401 685	989	328 603
Other hogs and pigs	35 152	11 325 201	43 491	12 631 639

Table 33. **Hogs and Pigs—Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item	1987			1982		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total hogs and pigs sold	38 638	23 483 812	2 494 231	40 012	23 601 117	2 550 488
Farms with—						
1 to 24	2 320	28 689	3 332	3 196	38 947	4 626
25 to 49	2 040	72 957	8 125	2 818	101 822	11 441
50 to 99	3 389	244 473	26 817	5 243	(D)	(D)
100 to 199	5 290	747 604	81 699	8 250	(D)	(D)
200 to 499	10 828	3 394 492	371 740	14 256	4 514 106	496 158
500 to 999	8 115	5 645 377	620 810	9 078	6 253 614	683 560
1,000 to 1,999	4 690	6 483 827	706 344	4 627	6 036 335	653 560
2,000 to 4,999	1 692	4 542 237	481 239	1 332	3 573 202	383 990
5,000 or more	274	2 324 156	194 125	214	1 743 358	146 022
Feeder pigs sold	8 972	4 460 979	209 249	10 819	4 308 866	207 325
Farms with—						
1 to 9	204	1 226	54	267	1 541	73
10 to 49	1 372	37 956	1 692	1 804	51 783	2 390
50 to 99	1 290	89 556	4 110	1 815	127 701	6 066
100 to 199	1 567	216 842	9 965	2 045	277 148	13 104
200 to 499	2 251	687 229	31 836	2 647	812 084	36 488
500 to 999	1 277	878 264	41 530	1 340	898 718	43 457
1,000 or more	1 011	2 549 904	120 061	901	2 139 891	103 748
Other hogs and pigs sold	36 810	19 022 833	2 284 913	46 466	19 492 251	2 343 163
Farms with—						
1 to 24	3 410	40 807	5 530	(NA)	(NA)	(NA)
25 to 49	2 440	86 712	11 054	(NA)	(NA)	(NA)
50 to 99	3 565	253 472	31 399	(NA)	(NA)	(NA)
100 to 199	5 186	728 018	89 062	(NA)	(NA)	(NA)
200 to 499	9 586	3 053 142	369 403	(NA)	(NA)	(NA)
500 to 999	7 111	4 935 353	593 889	(NA)	(NA)	(NA)
1,000 to 1,999	4 056	5 358 621	641 774	(NA)	(NA)	(NA)
2,000 to 4,999	1 315	3 529 553	420 422	(NA)	(NA)	(NA)
5,000 or more	141	1 036 955	122 380	(NA)	(NA)	(NA)

Table 34. **Hogs and Pigs—Litters Farrowed: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Litters	1987		1982	
	Farms	Number of litters	Farms	Number of litters
Litters farrowed between Dec. 1 of preceding year and Nov. 30	28 037	2 495 867	35 737	2 548 849
Farms with—				
1 to 9	2 576	12 408	3 770	17 858
10 to 19	2 902	39 814	4 576	62 244
20 to 49	7 789	250 352	11 352	360 350
50 to 99	6 667	462 052	8 219	560 610
100 to 199	5 244	700 200	5 416	711 608
200 to 499	2 469	679 035	2 091	565 721
500 or more	390	352 006	313	270 458
Dec. 1 of preceding year and May 31	26 110	1 251 973	32 787	1 278 535
June 1 and Nov. 30	25 992	1 243 894	32 268	1 270 314

Table 35. **Hogs and Pigs—Inventory and Sales by Size of Herd: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total inventory	36 670	12 983 074	26 944	1 657 873	35 152	11 325 201	36 338	22 959 767	2 434 554	8 752	4 422 009	207 447
Farms with—												
1 to 9	1 349	6 579	591	2 548	1 002	4 031	1 019	53 253	5 577	225	10 147	399
10 to 24	2 181	36 070	1 373	15 376	1 608	20 694	2 181	201 783	18 773	629	69 034	2 996
25 to 99	6 780	390 813	4 493	90 629	6 273	300 184	6 778	1 091 059	106 522	1 695	320 690	14 025
100 to 199	6 766	951 249	4 960	149 567	6 699	801 682	6 766	1 909 062	196 232	1 565	436 165	20 178
200 to 499	11 269	3 523 643	8 616	447 677	11 249	3 075 966	11 269	6 265 360	668 121	2 547	1 157 600	54 753
500 to 999	5 768	3 837 424	4 666	434 512	5 766	3 402 912	5 768	6 323 283	703 331	1 304	781 330	38 250
1,000 or more	2 557	4 237 296	2 245	517 564	2 555	3 719 732	2 557	7 115 967	735 998	787	1 647 043	76 844
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	2 300	524 045	59 678	220	38 970	1 802

Table 36. Hogs and Pigs--Inventory and Sales by Number Sold Per Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	36 338	12 981 717	26 871	1 657 605	34 868	11 324 112	38 638	23 483 812	2 494 231	8 972	4 460 979	209 249
Farms with—												
1 to 9	673	17 022	280	2 000	620	15 022	853	4 226	514	37	216	9
10 to 49	2 921	129 479	1 582	16 738	2 694	112 741	3 507	97 420	10 943	464	10 397	449
50 to 99	3 019	219 648	1 983	31 850	2 763	187 798	3 389	244 473	26 817	660	34 720	1 486
100 to 199	4 867	576 636	3 475	76 904	4 551	499 732	5 290	747 604	81 699	1 078	106 806	4 699
200 to 499	10 152	2 179 344	7 799	279 575	9 758	1 899 769	10 626	3 394 492	371 740	2 461	511 057	23 255
500 to 999	7 941	3 227 276	6 285	403 021	7 778	2 824 255	8 115	5 645 377	620 810	2 091	813 589	36 048
1,000 or more	6 785	6 632 312	5 467	847 517	6 704	5 784 795	6 856	13 350 220	1 381 708	2 181	2 984 194	141 304
None sold	332	1 357	73	268	284	1 089	(X)	(X)	(X)	(X)	(X)	(X)

Table 37. Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1987

[For meaning of abbreviations and symbols, see introductory text]

Litters farrowed	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total litters farrowed	27 583	10 692 819	26 938	1 657 790	26 071	9 035 029	27 950	18 739 727	1 932 309	8 963	4 454 079	208 859
Farms with—												
1	217	5 894	183	732	169	5 162	203	6 731	765	65	471	21
2 to 4	928	38 693	799	4 040	786	34 653	947	68 048	7 688	252	4 988	210
5 to 9	1 264	85 995	1 155	14 048	1 075	71 947	1 339	130 218	14 437	391	17 474	721
10 to 19	2 796	250 601	2 678	43 153	2 474	207 448	2 902	377 962	40 679	830	61 461	2 650
20 to 49	7 662	1 274 891	7 506	205 471	7 186	1 069 420	7 789	2 057 778	218 554	2 236	374 309	16 794
50 to 99	6 638	2 121 007	6 583	329 622	6 440	1 791 385	6 667	3 543 322	379 174	2 103	670 313	31 194
100 to 199	5 224	3 024 970	5 192	455 293	5 139	2 569 677	5 244	5 197 617	552 590	1 877	1 013 913	48 193
200 or more	2 854	3 890 768	2 842	605 431	2 822	3 285 337	2 859	7 358 051	718 422	1 209	2 311 150	109 075
No litters farrowed	9 087	2 290 255	6	83	9 081	2 290 172	10 688	4 744 085	561 922	9	6 900	390

Litters farrowed	Litters farrowed between Dec. 1, 1986, and Nov. 30, 1987					
	Total		Dec. 1, 1986, and May 31, 1987		June 1, 1987, and Nov. 30, 1987	
	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed	26 037	2 495 867	26 110	1 251 973	25 992	1 243 894
Farms with—						
1	250	250	137	137	113	113
2 to 4	986	2 930	743	1 446	765	1 484
5 to 9	1 340	9 228	990	4 625	996	4 603
10 to 19	2 902	39 814	2 337	20 306	2 309	19 508
20 to 49	7 789	250 352	7 305	126 582	7 286	123 770
50 to 99	6 667	462 052	6 552	232 961	6 508	229 091
100 to 199	5 244	700 200	5 203	352 886	5 183	347 334
200 or more	2 859	1 031 041	2 843	513 050	2 832	517 991

Table 38. Sheep and Lambs—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	1987		1982	
	Farms	Number	Farms	Numbe
Sheep and lambs inventory	8 636	451 617	9 968	466 316
Farms with—				
1 to 24	4 149	53 562	5 015	65 003
25 to 99	3 628	171 809	4 024	185 560
100 to 299	719	106 990	793	119 641
300 to 999	117	55 142	126	61 043
1,000 to 2,499	16	20 714	23	29 173
2,500 or more	7	43 400	7	25 897
Ewes 1 year old or older	8 089	280 591	9 256	297 32
Sheep and lambs shorn	8 052	542 200	9 380	493 20
Pounds of wool	(X)	2 901 639	(X)	3 379 77
Sheep and lambs sold	8 806	607 492	10 327	496 67
Value of sales from sheep, lambs, and wool ($1,000)	8 922	46 157	10 484	26 70

Table 39. **Sheep and Lambs—Inventory and Sales by Size of Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Sheep and lambs	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total inventory	8 636	451 617	8 089	260 591	7 790	528 853	2 812 269	8 223	582 043	8 339	44 141
Farms with—											
1 to 24	4 149	53 562	3 706	38 745	3 404	49 506	359 636	3 745	54 182	3 854	3 990
25 to 99	3 628	171 809	3 551	123 907	3 549	158 203	1 097 182	3 623	143 369	3 627	10 925
100 to 299	719	106 990	702	71 338	702	110 756	711 260	715	96 450	718	7 930
300 to 999	117	55 142	112	29 036	114	63 174	361 934	117	74 381	117	6 053
1,000 to 2,499	16	20 714	12	8 076	14	15 962	113 397	16	21 675	16	1 830
2,500 to 4,999	5	(D)	5	(D)	5	(D)	(D)	5	(D)	5	(D)
5,000 or more	2	(D)	1	(D)	2	(D)	(D)	2	(D)	2	(D)
No inventory	(X)	(X)	(X)	(X)	262	13 347	89 370	583	25 449	583	2 017

Table 40. **Sheep and Lambs—Inventory and Sales by Size of Ewe Flock: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Ewes 1 year old or older	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total inventory	8 089	412 156	8 089	260 591	7 677	423 914	2 746 179	7 812	461 838	7 908	36 077
Farms with—											
1 to 24	4 768	91 667	4 768	57 272	4 356	81 996	579 078	4 496	81 795	4 587	6 114
25 to 99	2 847	177 978	2 847	126 433	2 847	173 288	1 162 470	2 845	152 576	2 847	11 857
100 to 199	343	63 471	343	44 049	343	74 675	467 711	340	73 156	343	6 142
200 to 499	113	50 204	113	31 460	113	55 597	379 399	113	70 574	113	5 992
500 to 999	13	11 811	13	8 302	13	13 958	74 021	13	18 337	13	1 530
1,000 to 2,499	4	(D)	4	(D)	4	(D)	(D)	4	(D)	4	(D)
2,500 to 4,999	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
5,000 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory	547	39 461	(X)	(X)	375	118 286	155 460	994	145 654	1 014	10 080

Table 41. Other Livestock and Livestock Products—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item		Inventory		Sales	
		1987	1982	1987	1982
Horses and ponies	farms	11 647	14 106	2 453	2 917
	number	59 338	68 368	9 909	10 809
	$1,000	(X)	(X)	7 487	10 709
Mules, burros, and donkeys	farms	627	288	90	42
	number	1 512	757	240	125
	$1,000	(X)	(X)	79	39
Colonies of bees	farms	703	797	38	26
	number	53 289	45 410	1 121	2 887
Honey sold	farms	(X)	(X)	350	221
	pounds	(X)	(X)	4 288 806	2 733 695
Bees and honey sold	farms	(X)	(X)	384	(NA)
	$1,000	(X)	(X)	3 056	1 997
Goats	farms	1 082	1 173	366	393
	number	7 387	5 870	3 198	2 579
Angora goats	farms	41	12	11	1
	number	991	42	173	(D)
Mohair sold	farms	(X)	(X)	21	3
	pounds	(X)	(X)	7 016	(D)
Angora goats and mohair sold	farms	(X)	(X)	25	(NA)
	$1,000	(X)	(X)	23	(D)
Milk goats	farms	425	909	105	303
	number	3 195	4 708	909	1 964
Goats milk sold	farms	(X)	(X)	52	20
	gallons	(X)	(X)	123 669	34 650
Milk goats and goats milk sold	farms	(X)	(X)	136	(NA)
	$1,000	(X)	(X)	268	139
Other goats	farms	757	323	271	99
	number	3 201	1 120	2 116	(D)
	$1,000	(X)	(X)	61	(D)
Mink and their pelts	farms	58	53	56	50
	number	63 906	55 977	132 995	133 183
	$1,000	(X)	(X)	5 403	4 344
Rabbits and their pelts	farms	494	329	173	171
	number	13 788	11 719	36 971	27 837
	$1,000	(X)	(X)	177	122
Fish and other aquaculture products sold	farms	(X)	(X)	28	13
	$1,000	(X)	(X)	174	35
Other livestock and livestock products	farms	134	(NA)	86	(NA)
	$1,000	(X)	(X)	413	(D)

Table 42. Crops Harvested and Value of Production: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987				1982			
	Farms	Acres	Quantity	Value of production[1] ($1,000)	Farms	Acres	Quantity	Value of production[1] ($1,000)
Harvested cropland	92 878	20 484 178	(X)	4 191 371	103 644	24 137 670	(X)	5 524 984
Corn for grain or seed (bushels)	83 301	10 147 051	1 274 388 346	2 039 021	92 462	12 880 050	1 486 953 043	3 300 844
Corn for silage or green chop or cut for dry fodder, hogged or grazed	7 937	205 318	(X)	46 788	17 412	536 645	(X)	174 107
Sorghum for grain or seed (bushels)	108	4 376	334 779	485	292	13 500	752 727	1 498
Sorghum for silage or green chop, cut for dry forage or hay, or hogged or grazed	356	7 361	(X)	1 044	269	4 569	(X)	935
Wheat for grain (bushels)	1 345	31 047	1 180 360	2 715	2 731	98 688	2 845 239	8 963
Barley for grain (bushels)	357	6 545	358 125	537	137	3 449	161 974	275
Oats for grain (bushels)	25 398	544 907	30 918 660	49 470	35 752	811 716	45 769 302	73 231
Rye for grain (bushels)	138	1 867	56 342	101	142	2 167	56 124	151
Rice (cwt)	-	-	-	-	-	-	-	-
Flaxseed (bushels)	-	-	-	-	1	(D)	(D)	4
Sunflower seed (pounds)	4	(D)	(D)	6	10	606	641 978	64
Soybeans for beans (bushels)	66 278	7 903 395	326 081 351	1 744 535	73 175	8 044 305	291 189 890	1 586 985
Dry edible beans, excluding dry limas (cwt)	77	4 310	57 416	930	79	5 266	69 146	968
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	104	1 998	336 981	1 466	149	1 767	287 839	1 353
Sweetpotatoes (bushels)	4	17	2 074	11	5	(D)	1 876	11
Pineapples harvested (tons)	-	-	-	-	-	-	-	-
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	48 271	1 968 207	5 612 944	246 986	56 372	2 035 033	6 201 756	330 646
Vegetables harvested for sale (see text)	596	6 863	(X)	7 541	429	8 363	(X)	4 267
Land in orchards	506	2 740	(X)	2 505	465	2 538	(X)	2 125
Berries harvested for sale	222	467	(X)	481	161	251	(X)	239
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	357	5 110	(X)	38 241	333	5 527	(X)	34 954
Other crops	846	27 781	(X)	6 507	(NA)	(NA)	(X)	3 565

[1] Data are estimated; see text.

Table 43. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1987

[For meaning of abbreviations and symbols, see introductory text]

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain or seed (bushels)	103	14 702	125.1	350	47 397	65 760	127.0	82 848	10 019 192	125.6
Corn for silage or green chop (tons, green)	3	(D)	(D)	4	40	(D)	(D)	7 927	(D)	(D)
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	108	4 376	76.5
Wheat for grain (bushels)	2	(D)	(D)	-	-	-	-	1 343	(D)	(D)
Oats for grain (bushels)	15	(D)	(D)	1	(D)	(D)	(D)	25 382	(D)	(D)
Barley for grain (bushels)	7	483	71.8	-	-	-	-	350	6 062	53.4
Rice (cwt)	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	70	5 656	42.3	151	14 648	26 512	38.9	68 057	7 856 579	41.3
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	5	(D)	(D)	-	-	-	-	72	(D)	(D)
Cotton (bales)	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	19	(D)	(D)	1	(D)	(D)	(D)	84	(D)	(D)
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Alfalfa hay (tons, dry)	16	401	3.5	15	240	476	4.7	41 852	1 379 433	3.2
Small grain hay (tons, dry)	6	87	1.7	3	64	24	2.0	7 152	163 416	1.8
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	6	(D)	(D)	2	(D)	(D)	(D)	6 703	(D)	(D)
Wild hay (tons, dry)	2	(D)	(D)	-	-	-	-	797	(D)	(D)
Grass silage, haylage, and green chop hay (tons, green)	2	(D)	(D)	1	(D)	(D)	(D)	4 752	(D)	(D)
Alfalfa seed (pounds)	-	-	-	-	-	-	-	6	290	69.9
Vegetables harvested for sale (see text)	72	1 357	(X)	28	276	631	(X)	496	6 599	(X)
Land in orchards	19	76	(X)	5	55	52	(X)	484	2 557	(X)
Strawberries harvested for sale (pounds)	54	151	2 418.4	9	39	25	2 653.9	125	180	2 592.5

Table 44. **Specified Crops by Acres Harvested: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987					1982				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for grain or seed (bushels)	83 301	10 147 051	1 274 388 346	453	62 099	92 462	12 880 050	1 466 953 043	386	59 796
1 to 14 acres	5 966	49 535	5 133 752	9	61	5 615	44 380	4 200 221	3	10
15 to 24 acres	5 538	108 101	11 754 428	8	116	4 499	85 963	8 289 326	-	-
25 to 49 acres	13 726	502 409	57 751 996	24	766	12 161	439 769	45 094 855	16	456
50 to 99 acres	21 362	1 529 754	184 659 487	52	2 570	22 571	1 621 009	175 589 521	40	2 005
100 to 249 acres	27 186	4 190 432	526 395 855	174	17 859	34 663	5 387 915	608 792 594	139	15 342
250 to 499 acres	7 726	2 547 744	327 849 217	119	18 820	10 387	3 414 402	400 813 305	119	20 683
500 to 999 acres	1 627	1 014 536	133 443 484	58	16 660	2 235	1 421 185	169 089 859	58	16 584
1,000 acres or more	150	204 540	27 400 127	9	5 247	331	465 447	55 083 362	11	4 736
1,000 to 1,999 acres	136	(X)	(X)	6	(X)	302	(X)	(X)	8	(X)
2,000 to 2,999 acres	11	(X)	(X)	3	(X)	29	(X)	(X)	3	(X)
3,000 to 4,999 acres	3	(X)	(X)	-	(X)					
5,000 acres or more	-	(X)	(X)	-	(X)					
Corn for silage or green chop (tons, green)	7 934	205 176	3 251 394	7	110	17 412	536 645	8 290 817	28	2 364
1 to 14 acres	3 610	29 247	440 290	1	(D)	6 347	53 102	794 567	6	38
15 to 24 acres	1 898	34 859	528 700	2	(D)	4 395	80 990	1 236 321	6	113
25 to 49 acres	1 503	49 397	748 276	4	85	3 896	127 601	1 940 642	3	97
50 to 99 acres	609	38 305	606 530	-	-	1 879	118 832	1 821 068	9	416
100 to 249 acres	265	35 487	593 198	-	-	752	98 826	1 569 896	1	(D)
250 to 499 acres	41	12 799	249 668	-	-	118	38 654	642 108	1	(D)
500 to 999 acres	7	(D)	(D)	-	-	21	12 554	196 143	1	(D)
1,000 acres or more	1	(D)	(D)	-	-	4	6 086	90 072	1	(D)
Sorghum for grain or seed (bushels)	108	4 376	334 779	-	-	292	13 500	752 727	1	(D)
Sorghum for silage or green chop (tons, green)	354	7 340	102 074	-	-	259	4 388	53 849	-	-
Wheat for grain (bushels)	1 345	31 047	1 180 360	2	(D)	2 731	98 688	2 845 239	13	843
1 to 14 acres	689	5 316	196 287	1	(D)	890	7 776	239 995	4	37
15 to 24 acres	309	5 666	211 658	-	-	625	11 761	367 969	3	58
25 to 49 acres	224	7 383	270 539	-	-	683	23 012	681 125	1	(D)
50 to 99 acres	83	5 464	228 074	-	-	351	22 695	674 246	1	(D)
100 to 249 acres	33	4 354	162 041	1	(D)	152	20 930	582 397	2	(D)
250 to 499 acres	5	(D)	(D)	-	-	21	6 400	176 419	2	(D)
500 to 999 acres	2	(D)	(D)	-	-	8	(D)	(D)	-	-
1,000 acres or more	-	-	-	-	-	1	(D)	(D)	-	-
1,000 to 1,999 acres	-	(X)	(X)	-	(X)	1	(X)	(X)	-	(X)
2,000 to 2,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
3,000 to 4,999 acres	-	(X)	(X)	-	(X)					
5,000 acres or more	-	(X)	(X)	-	(X)					
Oats for grain (bushels)	25 398	544 907	30 918 660	16	484	35 752	811 716	45 769 302	21	433
1 to 14 acres	10 362	91 178	5 136 961	7	60	12 978	115 840	6 313 704	6	35
15 to 24 acres	7 659	142 775	8 239 005	4	76	11 114	206 562	11 449 741	6	97
25 to 49 acres	5 701	186 750	10 695 103	3	(D)	8 987	293 913	16 620 297	5	163
50 to 99 acres	1 424	87 861	4 959 708	1	(D)	2 256	139 556	8 035 391	4	138
100 to 249 acres	236	31 398	1 680 828	1	(D)	404	50 814	3 043 879	-	-
250 to 499 acres	13	(D)	(D)	-	-	11	(D)	(D)	-	-
500 to 999 acres	1	(D)	(D)	-	-	2	(D)	(D)	-	-
1,000 acres or more	-	-	-	-	-	-	-	-	-	-
Popcorn (pounds, shelled)	584	22 040	60 796 850	14	(D)	280	17 709	47 829 502	8	1 20
Soybeans for beans (bushels)	68 278	7 903 395	326 061 351	221	20 304	73 175	8 044 305	291 189 890	179	21 21
1 to 14 acres	5 182	45 066	1 741 040	7	35	4 426	39 532	1 308 156	7	5
15 to 24 acres	5 018	95 884	3 787 481	9	153	5 205	99 653	3 413 553	3	5
25 to 49 acres	11 437	410 664	16 389 445	25	809	13 012	466 945	16 289 618	14	35
50 to 99 acres	17 189	1 218 624	49 868 442	35	1 699	19 965	1 407 826	50 530 746	26	1 39
100 to 249 acres	22 245	3 451 675	142 332 516	72	6 292	24 212	3 463 874	132 875 198	65	7 26
250 to 499 acres	6 197	2 023 637	84 226 495	54	7 035	5 457	1 761 208	64 502 436	46	6 47
500 to 999 acres	942	573 744	24 278 696	16	3 592	815	498 114	18 324 640	14	3 09
1,000 acres or more	68	84 101	3 457 236	3	689	83	107 153	3 945 543	4	2 52
1,000 to 1,999 acres	66	(X)	(X)	3	(X)	78	(X)	(X)	3	(
2,000 to 2,999 acres	1	(X)	(X)	-	(X)	5	(X)	(X)	1	(
3,000 to 4,999 acres	1	(X)	(X)	-	(X)					
5,000 acres or more	-	(X)	(X)	-	(X)					
Irish potatoes (cwt)	104	1 998	336 981	20	1 158	149	1 767	287 839	22	83
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)	48 271	1 968 207	5 612 944	45	1 216	56 372	2 035 033	6 201 756	50	1 27
1 to 14 acres	13 593	110 272	299 726	11	75	17 160	139 425	414 170	13	8
15 to 24 acres	9 052	170 255	474 583	9	114	11 508	215 980	658 175	7	1
25 to 49 acres	12 222	423 424	1 191 257	10	220	14 482	496 281	1 533 652	14	2
50 to 99 acres	9 011	601 912	1 764 630	10	274	9 357	614 649	1 909 049	12	4
100 to 249 acres	4 085	554 755	1 594 597	4	(D)	3 907	474 990	1 423 260	3	(
250 to 499 acres	278	86 548	225 892	1	(D)	231	72 449	210 838	1	(
500 to 999 acres	26	15 591	42 165	-	-	20	13 233	31 776	-	
1,000 acres or more	4	5 450	20 094	-	-	7	8 026	20 838	-	
1,000 to 1,999 acres	4	(X)	(X)	-	(X)	7	(X)	(X)	-	(
2,000 to 2,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(
3,000 to 4,999 acres	-	(X)	(X)	-	(X)					
5,000 acres or more	-	(X)	(X)	-	(X)					
Alfalfa hay (tons, dry)	41 883	1 380 550	4 444 233	31	641	49 275	1 535 085	5 091 238	41	1 0
1 to 14 acres	13 532	110 386	324 260	11	87	15 350	134 406	424 397	11	
15 to 24 acres	8 872	165 819	506 417	7	102	10 847	202 380	660 690	6	
25 to 49 acres	10 788	367 486	1 168 385	5	97	12 888	437 522	1 456 851	13	3
50 to 99 acres	6 393	413 294	1 383 103	6	(D)	6 912	441 054	1 502 751	8	2
100 to 249 acres	2 175	279 675	928 847	2	(D)	2 149	272 720	900 864	3	3
250 to 499 acres	109	33 418	96 745	-	-	114	35 414	115 473	-	
500 to 999 acres	11	6 329	18 269	-	-	11	7 057	19 954	-	
1,000 acres or more	3	4 163	18 207	-	-	4	4 532	10 258	-	
1,000 to 1,999 acres	3	(X)	(X)	-	(X)	4	(X)	(X)	-	
2,000 to 2,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	
3,000 to 4,999 acres	-	(X)	(X)	-	(X)					
5,000 acres or more	-	(X)	(X)	-	(X)					
Small grain hay (tons, dry)	7 161	163 591	289 319	9	151	4 978	93 424	177 100	7	
Tame hay other than alfalfa, small grain, and wild hay (see text)(tons, dry)	6 711	210 942	417 288	8	128	7 369	195 853	439 003	1	
Wild hay (tons, dry)	799	12 511	18 140	2	(D)	956	14 096	27 507	-	

Table 44. Specified Crops by Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	1987					1982				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)—Con.										
Grass silage, haylage, and green chop hay (tons, green)	4 755	200 613	1 331 943	3	(D)	5 243	196 575	1 400 719	6	117
1 to 14 acres	785	7 041	49 756	2	(D)	1 052	9 392	66 364	2	(D)
15 to 24 acres	1 050	19 733	139 465	-	-	1 248	23 447	176 382	1	(D)
25 to 49 acres	1 472	50 206	349 914	-	-	1 615	55 421	410 924	3	95
50 to 99 acres	1 038	67 102	434 512	-	-	1 028	65 627	456 842	-	-
100 to 249 acres	397	52 268	330 550	1	(D)	279	35 113	233 867	-	-
250 to 499 acres	11	(D)	(D)	-	-	18	5 875	46 290	-	-
500 to 999 acres	2	(D)	(D)	-	-	3	1 500	8 050	-	-
1,000 acres or more	-	-	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	596	8 863	(X)	100	1 633	429	8 363	(X)	54	871
0.1 to 0.9 acres	85	34	(X)	4	2	82	33	(X)	6	2
1.0 to 4.9 acres	277	618	(X)	39	75	171	370	(X)	8	13
5.0 to 14.9 acres	129	1 021	(X)	26	188	65	494	(X)	17	83
15.0 to 24.9 acres	28	524	(X)	5	85	25	474	(X)	9	166
25.0 to 49.9 acres	31	1 079	(X)	10	242	38	1 224	(X)	8	210
50.0 to 99.9 acres	33	2 108	(X)	13	764	28	1 855	(X)	4	(D)
100.0 to 249.9 acres	11	(D)	(X)	2	(D)	19	(D)	(X)	2	(D)
250.0 to 499.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
500.0 to 749.9 acres	1	(D)	(X)	1	(D)	-	-	(X)	-	-
750.0 to 999.9 acres	-	-	(X)	-	-					
1,000.0 acres or more	1	(D)	(X)	-	-	1	(X)	(X)	-	(X)
1,000.0 to 1,999.9 acres	1	(X)	(X)	-	(X)					
2,000.0 to 2,999.9 acres	-	(X)	(X)	-	(X)					
3,000.0 acres or more	-	(X)	(X)	-	(X)					
Sweet corn	418	4 716	(X)	42	296	298	5 619	(X)	17	63
Land in orchards	508	2 740	(X)	24	131	465	2 538	(X)	8	34
0.1 to 0.9 acres	118	50	(X)	3	1	97	44	(X)	2	(D)
1.0 to 4.9 acres	264	534	(X)	12	28	251	492	(X)	3	10
5.0 to 14.9 acres	77	568	(X)	6	41	75	541	(X)	2	(D)
15.0 to 24.9 acres	27	486	(X)	1	(D)	22	420	(X)	-	-
25.0 to 49.9 acres	16	565	(X)	2	(D)	13	456	(X)	1	(D)
50.0 to 99.9 acres	5	(D)	(X)	-	-	5	(D)	(X)	-	-
100.0 to 249.9 acres	1	(D)	(X)	-	-	2	(D)	(X)	-	-
250.0 to 499.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
500.0 to 749.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
750.0 to 999.9 acres	-	-	(X)	-	-					
1,000.0 acres or more	-	-	(X)	-	-	-	(X)	(X)	-	(X)
1,000.0 to 1,999.9 acres	-	(X)	(X)	-	(X)					
2,000.0 to 2,999.9 acres	-	(X)	(X)	-	(X)					
3,000.0 acres or more	-	(X)	(X)	-	(X)					

Table 45. Specified Fruits and Nuts by Acres: 1987 and 1982

[Not published for this State]

Table 46. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Crop		Under glass or other protection		In the open		Sales	
		Farms	Square feet	Farms	Acres	Farms	Value ($1,000)
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	1987	205	4 518 800	190	5 007	357	38 241
	1982	171	2 985 061	197	5 459	333	34 954
1987 value of sales:							
$1 to $2,499 sales		38	26 132	49	88	85	92
$2,500 to $9,999 sales		34	86 302	49	180	77	427
$10,000 to $39,999 sales		38	260 059	38	329	70	1 414
$40,000 to $99,999 sales		38	538 313	26	623	53	3 283
$100,000 to $199,999 sales		22	629 076	10	387	28	4 008
$200,000 to $499,999 sales		20	969 580	11	953	27	7 898
$500,000 sales or more		15	1 989 338	7	2 447	17	21 119
Bedding plants	1987	164	2 191 065	26	63	174	10 241
	1982	138	1 548 394	17	34	147	6 616
Cut flowers and cut florist greens	1987	22	278 726	15	23	36	1 352
	1982	24	254 872	8	18	32	939
Foliage and potted flowering plants, total	1987	83	1 611 471	10	6	86	9 649
	1982	63	1 008 016	10	(D)	70	7 867
Foliage plants	1987	32	232 247	3	(D)	34	2 310
Potted flowering plants	1987	66	1 379 224	7	(D)	67	7 338
Nursery crops	1987	15	308 350	119	3 159	123	13 599
	1982	15	73 847	136	4 036	139	17 978

Table 47. Farms by Concentration of Market Value of Agricultural Products Sold: 1987

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		All farms	Fewest number of farms accounting for—			
			10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms	number	105 180	465	3 011	12 156	29 835
	percent	100.0	.4	2.9	11.6	28.4
Land in farms	acres	31 638 130	518 575	2 694 063	8 864 530	17 344 820
Average size of farm	acres	301	1 115	895	729	581
Value of land and buildings[1]	farms	105 184	465	2 832	11 513	29 652
	$1,000	29 829 901	598 277	2 803 899	8 652 782	17 039 241
Average per farm	dollars	283 597	1 286 617	990 077	751 566	574 641
Average per acre	dollars	947	1 154	1 080	1 016	984
Estimated market value of all machinery and equipment	$1,000	5 543 375	103 017	470 021	1 527 877	3 051 154
	percent	100.0	1.9	8.5	27.6	55.0
Land in farms according to use:						
Total cropland	acres	27 290 868	453 056	2 403 112	7 950 039	15 479 233
Harvested cropland	acres	20 484 178	373 176	1 954 597	6 362 573	12 206 729
Pastureland, excluding woodland pastured	acres	3 735 795	52 963	234 024	760 070	1 596 699
Market value of agricultural products sold	$1,000	8 926 799	893 094	2 231 926	4 463 456	6 695 211
Average per farm	dollars	84 872	1 920 632	741 257	367 181	224 408
Grains	farms	81 042	349	2 521	10 806	26 804
	$1,000	3 563 323	60 939	361 434	1 216 307	2 281 418
Cotton and cottonseed	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Tobacco	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Hay, silage, and field seeds	farms	12 947	57	395	1 661	4 010
	$1,000	46 480	2 144	4 856	12 628	23 133
Vegetables, sweet corn, and melon	farms	596	3	14	56	131
	$1,000	7 541	983	2 082	3 402	5 060
Fruits, nuts, and berries	farms	371	2	8	18	46
	$1,000	2 853	(D)	64	395	1 264
Nursery and greenhouse crops	farms	357	5	24	59	93
	$1,000	38 241	13 410	23 592	30 379	33 787
Other crops	farms	99	-	3	11	24
	$1,000	1 678	-	804	1 200	1 395
Poultry and poultry products	farms	3 643	49	194	456	1 009
	$1,000	192 229	104 848	152 604	174 139	185 108
Dairy products	farms	7 048	9	128	1 077	3 299
	$1,000	392 284	3 660	25 132	128 866	282 456
Cattle and calves	farms	50 509	349	2 038	7 329	17 054
	$1,000	2 124 641	560 440	1 031 804	1 440 975	1 753 183
Hogs and pigs	farms	38 638	243	2 122	8 606	19 063
	$1,000	2 494 231	133 019	610 168	1 427 783	2 092 444
Sheep, lambs, and wool	farms	8 922	16	165	755	2 108
	$1,000	46 157	12 797	15 447	21 230	28 009
Other livestock and livestock products (see text)	farms	3 417	5	46	209	524
	$1,000	17 139	(D)	3 940	6 152	7 972
Total farm production expenses[1]	farms	105 184	465	2 832	11 513	29 652
	$1,000	6 647 645	747 651	1 723 461	3 220 163	4 859 012
Selected farm production expenses[1]:						
Livestock and poultry purchased	farms	46 066	441	2 546	8 792	19 822
	$1,000	1 358 161	377 372	691 956	966 067	1 185 310
Feed for livestock and poultry	farms	64 752	447	2 672	10 120	24 449
	$1,000	1 101 866	177 405	389 349	666 071	923 304
Commercial fertilizer	farms	83 067	397	2 586	10 894	28 022
	$1,000	467 355	11 095	52 456	160 169	303 160
Agricultural chemicals	farms	86 631	404	2 585	10 925	28 126
	$1,000	309 894	7 734	33 642	101 636	195 150
Petroleum products	farms	100 939	455	2 802	11 430	29 437
	$1,000	315 061	10 354	36 991	101 481	190 85
Electricity	farms	90 255	454	2 784	11 265	28 73
	$1,000	126 591	5 347	17 418	43 955	77 38
Hired farm labor	farms	49 121	450	2 637	9 320	21 49
	$1,000	282 515	38 967	111 472	194 875	244 90
Interest	farms	67 262	441	2 655	10 254	25 04
	$1,000	579 338	30 037	101 438	242 397	408 22
Payments from government programs	farms	75 203	371	2 577	10 843	26 62
	$1,000	1 153 713	20 862	114 905	371 546	700 29
Inventory of selected livestock:						
Cattle and calves	farms	49 469	343	1 948	6 943	16 32
	number	4 303 682	446 145	1 002 923	1 799 387	2 740 13
Milk cows	farms	7 748	9	127	1 078	3 30
	number	294 886	2 312	15 048	81 508	189 83
Hogs and pigs	farms	36 670	237	2 056	8 357	18 38
	number	12 983 074	569 171	2 759 806	6 810 209	10 380 38

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[1] Data are based on a sample of farms.

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Table 48. **Summary by Tenure of Operator: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms				Farms with sales of $10,000 or more			
		Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS AND LAND IN FARMS									
Farms	number	105 180	48 226	35 207	21 747	82 631	30 177	33 211	19 243
	percent	100.0	45.9	33.5	20.7	78.6	28.7	31.6	18.3
Land in farms	acres	31 638 130	7 963 226	17 255 971	6 418 933	30 158 199	6 820 684	17 068 588	6 268 927
Average size of farm	acres	301	165	490	295	365	226	514	326
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	105 180	48 226	35 207	21 747	82 631	30 177	33 211	19 243
	$1,000	8 926 799	2 370 826	4 860 253	1 695 719	8 836 943	2 302 138	4 851 128	1 683 678
Average per farm	dollars	84 872	49 161	138 048	77 975	106 945	76 288	146 070	87 496
Farms by value of sales:									
Less than $1,000 (see text)		3 782	3 297	249	236	-	-	-	-
$1,000 to $2,499		5 017	4 217	351	449	-	-	-	-
$2,500 to $4,999		5 498	4 399	499	600	-	-	-	-
$5,000 to $9,999		8 252	6 136	897	1 219	-	-	-	-
$10,000 to $19,999		12 427	7 974	1 923	2 530	12 427	7 974	1 923	2 530
$20,000 to $24,999		5 009	2 798	968	1 243	5 009	2 798	968	1 243
$25,000 to $39,999		11 756	5 635	3 117	3 004	11 756	5 635	3 117	3 004
$40,000 to $49,999		5 996	2 283	1 997	1 716	5 996	2 283	1 997	1 716
$50,000 to $99,999		20 656	6 033	9 092	5 531	20 656	6 033	9 092	5 531
$100,000 to $249,999		20 200	4 103	11 706	4 391	20 200	4 103	11 706	4 391
$250,000 to $499,999		4 957	957	3 341	659	4 957	957	3 341	659
$500,000 to $999,999		1 220	270	819	131	1 220	270	819	131
$1,000,000 or more		410	124	248	38	410	124	248	38
Grains	farms	81 042	29 543	32 408	19 091	70 988	21 961	31 394	17 633
	$1,000	3 563 323	645 643	2 099 486	818 195	3 524 735	618 160	2 095 529	811 045
Sales of $50,000 or more	farms	23 982	3 034	15 346	5 602	23 982	3 034	15 346	5 602
	$1,000	2 507 136	277 905	1 701 100	528 131	2 507 136	277 905	1 701 100	528 131
Corn for grain	farms	72 356	25 083	29 582	17 691	64 517	19 221	28 814	16 482
	$1,000	1 961 527	363 542	1 159 451	438 534	1 939 575	347 742	1 157 365	434 466
Wheat	farms	1 188	428	562	198	1 076	339	550	167
	$1,000	2 726	868	1 424	433	2 591	758	1 410	424
Soybeans	farms	68 166	21 757	29 502	16 907	62 486	17 634	28 862	15 990
	$1,000	1 573 168	274 246	925 236	373 686	1 557 479	263 243	923 479	370 757
Sorghum for grain	farms	57	32	19	6	49	25	19	5
	$1,000	477	247	(D)	(D)	465	238	(D)	(D)
Barley	farms	81	38	25	18	74	32	25	17
	$1,000	116	49	(D)	(D)	111	45	(D)	(D)
Oats	farms	11 842	3 910	5 096	2 836	10 908	3 234	4 989	2 675
	$1,000	19 604	5 546	9 686	4 373	18 893	5 036	9 610	4 247
Other grains	farms	677	178	360	139	630	150	347	133
	$1,000	5 705	1 145	3 432	1 129	5 621	1 099	3 408	1 114
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	12 947	5 577	4 840	2 530	10 237	3 378	4 544	2 315
	$1,000	46 480	14 934	22 327	9 220	43 012	12 196	21 956	8 860
Sales of $50,000 or more	farms	30	-	23	7	30	-	23	7
	$1,000	3 365	-	2 882	484	3 365	-	2 882	484
Vegetables, sweet corn, and melons	farms	596	299	212	85	359	133	169	57
	$1,000	7 541	1 694	4 658	1 189	7 019	1 351	4 580	1 08
Sales of $50,000 or more	farms	30	4	22	4	30	4	22	4
	$1,000	4 384	426	3 260	698	4 384	426	3 260	69
Fruits, nuts, and berries	farms	371	266	74	31	186	104	57	25
	$1,000	2 653	1 901	600	352	2 499	1 600	568	332
Sales of $50,000 or more	farms	13	7	4	2	13	7	4	
	$1,000	1 390	820	(D)	(D)	1 390	820	(D)	(D
Nursery and greenhouse crops	farms	357	261	59	37	241	170	49	2
	$1,000	38 241	23 136	12 785	2 321	37 870	22 841	12 747	2 28
Sales of $50,000 or more	farms	111	80	20	11	111	80	20	1
	$1,000	35 714	21 066	12 464	2 184	35 714	21 066	12 464	2 18
Other crops	farms	99	48	40	11	65	22	35	
	$1,000	1 678	872	758	49	1 632	831	754	4
Sales of $50,000 or more	farms	7	4	3	-	7	4	3	
	$1,000	1 259	740	519	-	1 259	740	519	
Poultry and poultry products	farms	3 643	1 967	1 054	622	2 720	1 232	942	54
	$1,000	192 229	125 749	52 767	13 713	191 697	125 283	52 729	13 68
Sales of $50,000 or more	farms	426	239	134	53	426	239	134	5
	$1,000	186 495	122 475	51 138	12 882	186 495	122 475	51 138	12 88
Dairy products	farms	7 048	2 885	2 598	1 565	6 928	2 789	2 585	1 55
	$1,000	392 284	133 027	178 547	80 710	391 942	132 763	178 505	80 67
Sales of $50,000 or more	farms	3 165	1 051	1 436	678	3 165	1 051	1 436	67
	$1,000	294 998	90 544	147 098	57 357	294 998	90 544	147 098	57 35
Cattle and calves	farms	50 509	22 765	18 752	8 992	42 170	16 020	17 859	8 29
	$1,000	2 124 641	651 926	1 163 329	309 386	2 094 924	628 028	1 180 151	306 74
Sales of $50,000 or more	farms	7 178	1 966	4 147	1 065	7 178	1 966	4 147	1 0
	$1,000	1 590 392	441 517	937 178	211 697	1 590 392	441 517	937 178	211 6

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs farms	38 638	14 220	16 222	8 196	35 888	11 978	15 997	7 913
$1,000	2 494 231	747 778	1 303 979	442 476	2 484 999	740 128	1 303 353	441 518
Sales of $50,000 or more farms	15 528	4 196	8 368	2 964	15 528	4 196	8 368	2 964
$1,000	2 058 777	586 470	1 134 003	338 305	2 058 777	586 470	1 134 003	338 305
Sheep, lambs, and wool farms	8 922	4 325	2 991	1 606	6 250	2 194	2 707	1 349
$1,000	46 157	14 123	15 732	16 302	41 763	10 707	15 227	15 829
Sales of $50,000 or more farms	77	20	34	23	77	20	34	23
$1,000	21 114	3 832	5 937	11 345	21 114	3 832	5 937	11 345
Other livestock and livestock products (see text) farms	3 417	2 061	885	471	1 826	805	697	324
$1,000	17 139	10 045	5 288	1 806	14 851	8 254	5 028	1 569
Sales of $50,000 or more farms	60	35	17	8	60	35	17	8
$1,000	8 848	4 752	3 427	669	8 848	4 752	3 427	669
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses farms	105 184	48 216	35 408	21 560	82 647	30 026	33 476	19 145
$1,000	6 647 645	1 831 607	3 669 556	1 146 482	6 516 385	1 727 507	3 655 299	1 133 579
Average per farm dollars	63 200	37 988	103 636	53 176	78 846	57 534	109 192	59 210
Livestock and poultry purchased farms	46 066	19 027	18 199	8 840	40 253	14 261	17 611	8 381
$1,000	1 358 161	413 700	736 830	207 631	1 346 860	404 461	735 926	206 473
Farms with expenses of—								
$1 to $4,999	20 895	10 205	6 889	3 801	15 541	5 856	6 330	3 355
$5,000 to $24,999	14 932	5 760	5 805	3 367	14 475	5 344	5 776	3 355
$25,000 to $99,999	7 811	2 421	3 971	1 419	7 810	2 420	3 971	1 419
$100,000 or more	2 428	641	1 534	253	2 427	641	1 534	252
Feed for livestock and poultry farms	64 752	28 085	24 414	12 253	54 514	19 870	23 347	11 297
$1,000	1 101 868	374 107	552 311	175 448	1 092 412	366 616	551 329	174 467
Farms with expenses of—								
$1 to $4,999	31 389	17 243	8 566	5 560	21 199	9 068	7 510	4 621
$5,000 to $24,999	22 076	7 723	9 568	4 785	22 008	7 683	9 557	4 768
$25,000 to $99,999	9 846	2 636	5 452	1 758	9 846	2 636	5 452	1 758
$100,000 or more	1 461	483	828	150	1 461	483	828	150
Commercially mixed formula feeds farms	33 282	13 619	12 907	6 756	29 316	10 524	12 437	6 355
$1,000	475 104	170 360	229 852	74 893	472 686	168 434	229 583	74 669
Farms with expenses of—								
$1 to $4,999	17 634	8 764	5 268	3 602	13 676	5 677	4 798	3 201
$5,000 to $24,999	11 352	3 656	5 242	2 454	11 344	3 648	5 242	2 454
$25,000 to $79,999	3 545	930	1 995	620	3 545	930	1 995	620
$80,000 or more	751	269	402	80	751	269	402	80
Seeds, bulbs, plants, and trees farms	88 807	34 631	34 265	19 911	76 710	25 280	33 032	18 398
$1,000	308 197	68 683	175 242	64 271	302 401	64 343	174 652	63 405
Farms with expenses of—								
$1 to $999	23 074	15 487	3 567	4 020	12 166	6 936	2 494	2 736
$1,000 to $4,999	45 976	16 253	17 675	12 048	44 787	15 453	17 515	11 819
$5,000 to $24,999	19 426	2 849	12 762	3 815	19 426	2 849	12 762	3 815
$25,000 or more	331	42	261	28	331	42	261	28
Commercial fertilizer farms	83 067	31 220	33 063	18 784	73 196	23 555	32 092	17 549
$1,000	467 355	104 961	272 904	89 489	459 606	98 947	272 076	88 583
Farms with expenses of—								
$1 to $4,999	51 929	24 872	14 509	12 548	42 145	17 283	13 549	11 313
$5,000 to $24,999	29 100	6 055	17 023	6 022	29 021	5 987	17 012	6 022
$25,000 to $49,999	1 788	264	1 327	197	1 780	256	1 327	197
$50,000 or more	250	29	204	17	250	29	204	17
Agricultural chemicals farms	86 631	33 883	33 387	19 361	74 725	24 760	32 190	17 775
$1,000	309 894	66 768	177 591	65 535	304 487	62 847	176 989	64 652
Farms with expenses of—								
$1 to $4,999	66 563	30 670	20 636	15 257	54 666	21 556	19 439	13 671
$5,000 to $24,999	19 490	3 155	12 317	4 018	19 481	3 146	12 317	4 018
$25,000 to $49,999	514	49	383	82	514	49	383	82
$50,000 or more	64	9	51	4	64	9	51	4
Petroleum products farms	100 939	44 747	35 015	21 177	80 999	28 846	33 201	18 952
$1,000	315 061	83 892	167 321	63 848	304 536	75 734	166 181	62 621
Farms with expenses of—								
$1 to $4,999	81 446	41 296	22 627	17 523	61 513	25 395	20 813	15 305
$5,000 to $24,999	19 169	3 377	12 172	3 620	19 162	3 377	12 172	3 613
$25,000 to $49,999	274	63	181	30	274	63	181	30
$50,000 or more	50	11	35	4	50	11	35	4
Gasoline and gasohol farms	87 982	39 057	30 889	18 036	70 713	25 182	29 254	16 277
$1,000	105 047	34 608	49 100	21 340	98 454	29 500	48 365	20 589
Diesel fuel farms	73 400	25 163	30 771	17 466	66 796	20 198	30 138	16 460
$1,000	136 878	29 102	79 302	28 473	134 878	27 630	79 056	28 192
Natural gas farms	5 064	1 757	2 107	1 200	4 630	1 391	2 080	1 159
$1,000	6 637	2 060	3 365	1 211	6 554	1 987	3 361	1 205
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms	86 862	34 333	33 539	18 990	76 300	25 952	32 422	17 926
$1,000	66 500	18 121	35 554	12 824	64 651	16 617	35 399	12 635

See footnotes at end of table.

Table 48. **Summary by Tenure of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARM PRODUCTION EXPENSES[1]—Con.								
Total farm production expenses—Con.								
Electricity farms	90 255	39 901	33 149	17 205	75 154	27 333	31 796	16 025
$1,000	126 591	42 543	62 752	21 296	120 904	37 821	62 174	20 910
Farms with expenses of—								
$1 to $999	47 918	26 613	11 871	9 434	33 769	14 834	10 627	8 308
$1,000 to $4,999	39 358	12 497	19 440	7 421	38 414	11 716	19 331	7 367
$5,000 to $24,999	2 896	745	1 803	348	2 888	737	1 803	348
$25,000 or more	83	46	35	2	83	46	35	2
Hired farm labor farms	49 121	17 194	21 563	10 364	44 716	13 820	21 042	9 854
$1,000	282 515	81 041	162 226	39 249	280 602	79 613	161 926	39 063
Farms with expenses of—								
$1 to $4,999	37 600	14 258	14 712	8 630	33 226	10 909	14 197	8 120
$5,000 to $24,999	8 880	2 234	5 228	1 418	8 849	2 209	5 222	1 418
$25,000 to $99,999	2 443	621	1 529	293	2 443	621	1 529	293
$100,000 or more	198	81	94	23	198	81	94	23
Contract labor farms	8 078	3 192	3 498	1 388	7 032	2 331	3 391	1 310
$1,000	21 032	7 683	9 925	3 424	20 485	7 216	9 880	3 387
Farms with expenses of—								
$1 to $999	3 846	1 791	1 404	651	2 958	1 059	1 312	587
$1,000 to $4,999	3 123	1 037	1 536	550	2 965	906	1 521	536
$5,000 to $24,999	1 032	330	525	177	1 032	330	525	177
$25,000 or more	77	34	33	10	77	34	33	10
Repair and maintenance farms	91 920	39 218	33 784	18 918	75 830	26 247	32 241	17 342
$1,000	407 270	112 376	220 660	74 234	393 118	101 117	219 077	72 92
Farms with expenses of—								
$1 to $4,999	63 247	32 325	17 197	13 725	47 334	19 495	15 680	12 15
$5,000 to $24,999	27 602	6 683	15 827	5 092	27 425	6 542	15 801	5 06
$25,000 to $49,999	905	165	653	87	905	165	653	87
$50,000 or more	166	45	107	14	166	45	107	14
Customwork, machine hire, and rental of machinery and equipment farms	57 354	23 440	21 800	12 114	49 313	17 056	21 037	11 22
$1,000	133 395	45 265	59 912	28 219	128 322	41 300	59 451	27 57
Farms with expenses of—								
$1 to $999	25 122	12 334	7 836	4 952	18 571	7 102	7 207	4 26
$1,000 to $4,999	25 700	9 067	10 891	5 742	24 249	7 946	10 764	5 53
$5,000 to $24,999	6 238	1 954	2 923	1 361	6 199	1 923	2 916	1 36
$25,000 or more	294	85	150	59	294	85	150	5
Interest expense farms	67 262	26 013	29 167	12 082	58 282	18 676	28 170	11 43
$1,000	579 338	166 734	366 543	46 061	561 575	151 661	364 469	45 44
Farms with expenses of—								
$1 to $4,999	37 493	17 219	11 015	9 259	29 324	10 585	10 118	8 62
$5,000 to $24,999	24 442	7 544	14 236	2 662	23 638	6 848	14 136	2 65
$25,000 to $99,999	5 121	1 198	3 766	157	5 114	1 191	3 766	15
$100,000 or more	208	52	150	4	206	52	150	
Secured by real estate farms	44 371	20 251	24 120	-	37 852	14 467	23 385	
$1,000	390 226	128 387	261 859	-	375 685	115 346	260 339	
Farms with expenses of—								
$1 to $999	6 684	4 356	2 328	-	4 433	2 365	2 068	
$1,000 to $4,999	16 369	8 749	7 620	-	12 674	5 482	7 192	
$5,000 to $24,999	17 889	6 247	11 642	-	17 323	5 728	11 595	
$25,000 or more	3 429	899	2 530	-	3 422	892	2 530	
Not secured by real estate farms	41 208	12 441	16 665	12 082	37 055	9 489	16 130	11 43
$1,000	189 113	38 367	104 665	46 061	185 889	36 315	104 130	45 44
Farms with expenses of—								
$1 to $999	13 476	5 930	3 728	3 818	10 416	3 611	3 380	3 4
$1,000 to $4,999	16 664	4 565	6 656	5 441	15 595	3 939	6 460	5 1
$5,000 to $24,999	10 034	1 761	5 611	2 662	10 010	1 754	5 602	2 8
$25,000 or more	1 034	165	668	161	1 034	165	668	1
Cash rent farms	41 375	-	26 699	14 676	39 119	-	25 701	13 4
$1,000	492 800	-	321 561	171 239	489 057	-	320 425	168 6
Farms with expenses of—								
$1 to $4,999	15 835	-	9 997	5 838	13 734	-	9 022	4 7
$5,000 to $9,999	8 684	-	5 811	2 873	8 542	-	5 794	2 7
$10,000 to $24,999	11 593	-	7 443	4 150	11 580	-	7 437	4 1
$25,000 or more	5 263	-	3 448	1 815	5 263	-	3 448	1 6
Property taxes farms	87 431	47 951	35 381	4 099	67 236	29 956	33 473	3 6
$1,000	230 810	112 179	113 932	4 699	212 292	95 417	112 308	4 5
Farms with expenses of—								
$1 to $4,999	75 206	42 659	28 607	3 940	55 202	24 836	26 716	3 6
$5,000 to $9,999	9 596	4 199	5 250	147	9 420	4 034	5 239	1
$10,000 to $24,999	2 474	1 027	1 436	11	2 461	1 020	1 430	
$25,000 or more	155	66	88	1	155	66	88	
All other farm production expenses farms	101 919	45 826	35 189	20 904	82 616	30 006	33 472	19 1
$1,000	513 358	151 673	269 845	91 840	499 729	140 413	268 437	90 6
Farms with expenses of—								
$1 to $4,999	73 591	38 652	19 539	15 400	54 327	22 870	17 822	13 6
$5,000 to $24,999	25 444	6 567	13 778	5 099	25 405	6 529	13 778	5 0
$25,000 to $49,999	2 166	415	1 428	323	2 166	415	1 428	3
$50,000 or more	718	192	444	82	718	192	444	

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms				Farms with sales of $10,000 or more			
		Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]									
All farms	number	105 184	48 216	35 408	21 560	82 647	30 026	33 476	19 145
	$1,000	2 146 997	504 887	1 133 457	508 652	2 187 522	538 376	1 139 234	509 911
Average per farm	dollars	20 412	10 471	32 011	23 592	26 468	17 930	34 031	26 634
Farms with net gains[2]	number	74 987	29 419	27 936	17 632	67 144	23 387	27 407	16 350
Average net gain	dollars	31 660	20 747	43 911	30 456	35 127	25 599	44 721	32 676
Gain of—									
Less than $1,000		4 767	3 168	780	819	1 892	951	557	384
$1,000 to $9,999		22 906	12 546	5 432	4 928	17 938	8 731	5 126	4 081
$10,000 to $49,999		33 147	10 948	13 558	8 641	33 147	10 948	13 558	8 641
$50,000 or more		14 167	2 757	8 166	3 244	14 167	2 757	8 166	3 244
Farms with net losses	number	30 197	18 797	7 472	3 928	15 503	6 639	6 069	2 795
Average net loss	dollars	7 521	5 611	12 481	7 227	11 035	9 082	14 243	8 707
Loss of—									
Less than $1,000		4 943	3 499	782	662	1 634	664	521	449
$1,000 to $9,999		18 984	12 629	3 914	2 441	8 541	4 084	2 902	1 555
$10,000 to $49,999		5 889	2 573	2 533	783	4 963	1 810	2 403	750
$50,000 or more		361	96	243	42	365	81	243	41
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments	farms	75 203	26 801	30 897	17 505	67 411	20 682	30 178	16 551
	$1,000	1 153 713	262 217	670 411	221 085	1 120 157	234 318	667 414	218 425
Other farm-related income[1]	farms	30 370	11 156	13 002	6 212	25 821	7 345	12 585	5 891
	$1,000	132 008	53 816	54 436	23 757	112 993	36 761	53 479	22 753
Customwork and other agricultural services	farms	15 001	2 819	8 046	4 136	13 915	2 131	7 852	3 932
	$1,000	61 977	9 731	35 817	16 428	59 799	8 322	35 498	15 979
Gross cash rent or share payments	farms	8 633	5 615	2 225	793	5 868	3 084	2 071	713
	$1,000	58 000	39 908	12 314	5 778	42 238	25 289	11 705	5 244
Forest products and Christmas trees	farms	710	471	222	17	479	247	222	10
	$1,000	1 876	1 345	497	34	1 193	662	497	34
Other farm-related income sources	farms	11 908	3 959	5 655	2 294	10 990	3 215	5 544	2 231
	$1,000	10 156	2 831	5 808	1 516	9 763	2 488	5 779	1 497
COMMODITY CREDIT CORPORATION LOANS									
Total	farms	51 178	13 834	24 266	13 078	49 121	12 398	24 048	12 675
	$1,000	1 598 775	262 973	1 002 894	332 908	1 591 777	258 074	1 002 243	331 460
Corn	farms	50 551	13 569	24 057	12 925	48 566	12 196	23 842	12 528
	$1,000	1 298 123	222 210	808 572	267 342	1 291 762	217 790	807 980	265 992
Wheat	farms	61	24	27	10	57	21	27	9
	$1,000	127	59	(D)	(D)	121	(D)	(D)	(D)
Soybeans	farms	14 094	2 745	7 646	3 703	13 886	2 591	7 626	3 669
	$1,000	298 747	39 182	194 133	65 432	298 199	38 782	194 076	65 341
Sorghum, barley, and oats	farms	86	31	35	20	83	29	35	19
	$1,000	190	78	89	23	189	(D)	89	(D)
Cotton	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	70	61	4	5	45	39	3	3
	$1,000	1 587	1 445	(D)	(D)	1 507	1 372	(D)	(D)
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	96 749	40 958	34 954	20 837	78 638	26 742	33 120	18 776
	acres	27 290 868	6 366 631	15 152 502	5 771 735	26 339 403	5 647 645	15 029 561	5 662 197
Harvested cropland	farms	92 878	37 835	34 647	20 396	77 374	25 794	32 996	18 584
	acres	20 484 178	4 398 979	11 572 966	4 512 233	20 043 833	4 079 730	11 519 308	4 444 795
Farms by acres harvested:									
1 to 49 acres		17 548	13 483	2 129	1 936	4 859	3 358	825	676
50 to 99 acres		13 956	8 344	2 504	3 108	11 411	6 599	2 204	2 608
100 to 199 acres		23 454	9 814	7 031	6 609	23 199	9 653	6 987	6 559
200 to 499 acres		29 005	5 371	16 375	7 259	28 991	5 361	16 373	7 257
500 to 999 acres		7 723	702	5 696	1 325	7 722	702	5 695	1 325
1,000 to 1,999 acres		1 114	114	852	148	1 114	114	852	148
2,000 acres or more		78	7	60	11	78	7	60	11
Cropland:									
Pasture or grazing only	farms	36 766	16 269	14 034	6 463	30 175	10 950	13 267	5 958
	acres	2 283 547	811 065	1 114 968	357 514	2 071 333	644 432	1 086 047	340 854
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	27 088	10 319	11 022	5 747	23 481	7 421	10 655	5 405
	acres	1 670 711	495 402	876 730	298 579	1 519 248	372 029	857 372	289 847
On which all crops failed	farms	1 640	760	587	293	1 149	381	523	245
	acres	45 013	16 442	20 754	7 817	35 628	9 405	19 532	6 691
In cultivated summer fallow	farms	844	403	303	138	677	268	284	125
	acres	45 160	17 237	20 341	7 582	40 702	13 803	19 441	7 458
Idle	farms	42 114	13 636	18 143	10 335	38 273	10 766	17 698	9 809
	acres	2 762 259	627 506	1 546 743	588 010	2 628 659	528 246	1 527 861	572 552
Total woodland	farms	24 782	12 664	8 787	3 331	18 703	7 576	8 151	2 976
	acres	1 316 448	575 025	573 761	167 662	1 105 241	400 778	550 226	154 237
Woodland pastured	farms	14 393	7 218	5 210	1 965	11 065	4 520	4 791	1 754
	acres	774 976	324 113	345 714	105 149	668 077	241 692	330 391	95 994
Woodland not pastured	farms	14 477	7 392	5 227	1 858	10 944	4 337	4 918	1 689
	acres	541 472	250 912	228 047	62 513	437 164	159 086	219 835	58 243

See footnotes at end of table.

Table 48. **Summary by Tenure of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured .... farms..	22 415	10 323	8 350	3 742	17 362	6 293	7 815	3 254
acres..	1 452 248	509 443	730 453	212 352	1 285 240	383 046	706 054	196 140
Land in house lots, ponds, roads, wasteland, etc. .... farms..	79 586	38 338	27 683	13 565	62 924	24 219	26 267	12 438
acres..	1 578 566	512 127	799 255	267 184	1 428 315	389 215	782 747	256 353
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs .... farms..	69 141	22 259	30 066	16 816	64 254	18 638	29 567	16 049
acres..	3 560 902	677 121	2 070 267	813 514	3 510 310	641 874	2 064 624	803 812
Conservation reserve program .... farms..	8 060	4 061	3 279	720	6 043	2 296	3 091	654
acres..	697 896	348 823	300 154	48 919	544 228	214 459	285 389	44 380
Value of land and buildings[1] .... farms..	105 184	48 216	35 408	21 560	82 647	30 028	33 476	19 145
$1,000..	29 829 901	7 578 008	16 235 234	6 016 659	28 265 406	6 345 505	16 054 708	5 865 193
Average per farm .... dollars..	283 597	157 168	458 519	279 066	342 244	211 334	479 589	307 401
Average per acre .... dollars..	947	943	950	942	942	922	951	942
Farms by value group:								
$1 to $39,999	13 227	10 718	587	1 922	4 485	3 565	186	732
$40,000 to $69,999	11 020	8 244	1 181	1 595	4 812	3 196	619	997
$70,000 to $99,999	9 152	6 084	1 346	1 722	5 923	3 404	1 022	1 497
$100,000 to $149,999	12 468	6 649	2 960	2 859	10 077	4 870	2 572	2 635
$150,000 to $199,999	9 769	4 503	2 875	2 391	8 868	3 828	2 729	2 311
$200,000 to $499,999	31 637	9 341	14 517	7 779	30 715	8 610	14 424	7 681
$500,000 to $999,999	14 045	2 191	9 091	2 763	13 939	2 103	9 073	2 763
$1,000,000 to $1,999,999	3 466	421	2 572	473	3 430	387	2 570	473
$2,000,000 to $4,999,999	380	59	268	53	378	57	268	53
$5,000,000 or more	20	6	11	3	20	6	11	3
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment .... farms..	104 901	47 983	35 401	21 517	82 599	29 985	33 476	19 138
$1,000..	5 543 375	1 642 932	2 790 375	1 110 067	5 242 462	1 407 002	2 762 429	1 073 030
Farms by value group:								
$1 to $4,999	6 659	4 999	764	896	2 297	1 358	413	526
$5,000 to $9,999	12 872	9 586	1 536	1 750	4 232	2 430	897	905
$10,000 to $19,999	15 609	9 321	2 932	3 356	11 089	5 819	2 500	2 770
$20,000 to $49,999	28 782	13 277	8 671	6 834	24 951	10 278	8 251	6 422
$50,000 to $99,999	22 911	6 837	10 585	5 489	22 128	6 261	10 506	5 361
$100,000 to $199,999	14 193	3 209	8 373	2 611	14 038	3 096	8 369	2 573
$200,000 to $499,999	3 763	732	2 462	569	3 752	721	2 462	569
$500,000 or more	112	22	78	12	112	22	78	12
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups .... farms..	93 674	40 964	33 390	19 320	75 990	26 699	31 781	17 510
number..	143 433	56 726	57 968	28 739	121 204	38 970	55 811	26 423
Wheel tractors .... farms..	97 120	43 292	34 112	19 716	78 229	28 028	32 359	17 842
number..	302 392	118 611	124 438	59 343	264 379	88 103	120 789	55 487
Less than 40 horsepower (PTO) .... farms..	48 200	23 655	15 976	8 569	36 775	14 131	14 943	7 701
number..	79 062	38 846	26 553	13 663	61 240	24 017	24 921	12 302
40 horsepower (PTO) or more .... farms..	85 755	34 896	32 332	18 527	73 265	25 105	31 125	17 035
number..	223 330	79 765	97 885	45 680	203 139	64 086	95 868	43 185
Grain and bean combines .... farms..	55 575	18 036	25 445	12 094	51 340	14 837	24 985	11 518
number..	60 004	19 348	27 660	12 996	55 396	15 894	27 145	12 357
Cottonpickers and strippers .... farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Mower conditioners .... farms..	29 756	12 558	11 736	5 462	26 065	9 566	11 456	5 043
number..	31 333	13 157	12 428	5 748	27 511	10 068	12 121	5 322
Pickup balers .... farms..	40 640	17 404	15 837	7 399	34 965	12 863	15 205	6 897
number..	46 867	19 778	18 597	8 492	40 645	14 908	17 913	7 824
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer .... farms..	83 051	31 214	33 053	18 784	73 160	23 549	32 062	17 549
acres on which used..	13 313 702	2 968 655	7 537 596	2 807 451	13 034 128	2 759 185	7 503 930	2 771 013
Lime .... farms..	17 823	6 579	8 100	3 144	16 103	5 170	7 911	3 022
acres on which used..	1 219 181	369 111	660 601	189 469	1 154 181	318 078	649 107	166 996
tons..	2 846 408	897 165	1 530 784	418 459	2 691 096	775 325	1 504 137	411 634
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops .... farms..	41 361	14 558	17 477	9 326	37 727	11 835	17 118	8 774
acres on which used..	4 910 343	1 168 972	2 743 060	998 311	4 827 112	1 106 868	2 735 405	984 839
Nematodes in crops .... farms..	2 548	1 018	961	569	2 327	871	926	530
acres on which used..	267 277	80 706	137 522	49 049	260 356	76 242	136 490	47 624
Diseases in crops and orchards .... farms..	1 330	641	415	274	1 081	435	413	233
acres on which used..	112 420	34 354	56 878	21 188	107 681	31 367	(D)	(D)
Weeds, grass, or brush in crops and pasture .... farms..	70 486	25 842	28 370	16 274	62 252	19 643	27 487	15 122
acres on which used..	14 709 093	2 858 201	8 535 267	3 315 625	14 459 364	2 684 827	8 502 488	3 272 669
Chemicals for defoliation or for growth control of crops or thinning of fruit .... farms..	1 066	392	392	282	881	287	362	232
acres on which used..	120 779	27 859	57 305	35 615	117 261	25 747	56 651	34 863

See footnotes at end of table.

Table 48. **Summary by Tenure of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms				Farms with sales of $10,000 or more			
		Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
TENURE AND RACE OF OPERATOR									
All operators		105 180	48 226	35 207	21 747	82 631	30 177	33 211	19 243
Full owners		48 226	48 226	-	-	30 177	30 177	-	-
Part owners		35 207	-	35 207	-	33 211	-	33 211	-
Tenants		21 747	-	-	21 747	19 243	-	-	19 243
White		105 058	48 162	35 182	21 712	82 548	30 144	33 189	19 215
Full owners		48 162	48 162	-	-	30 144	30 144	-	-
Part owners		35 182	-	35 182	-	33 189	-	33 189	-
Tenants		21 712	-	-	21 712	19 215	-	-	19 215
Black and other races		124	64	25	35	83	33	22	28
Full owners		64	64	-	-	33	33	-	-
Part owners		25	-	25	-	22	-	22	-
Tenants		35	-	-	35	28	-	-	28
OWNED AND RENTED LAND									
Land owned	farms	84 315	48 226	35 207	882	64 164	30 177	33 211	776
	acres	17 021 650	9 478 067	7 392 253	151 330	15 254 409	7 835 950	7 284 370	134 089
Owned land in farms	farms	83 433	48 226	35 207	-	63 388	30 177	33 211	-
	acres	15 050 360	7 963 226	7 087 134	-	13 819 427	6 820 684	6 998 743	-
Land rented or leased from others	farms	57 231	277	35 207	21 747	52 663	209	33 211	19 243
	acres	16 739 305	40 194	10 214 427	6 484 684	16 478 516	34 643	10 113 599	6 330 274
Rented or leased land in farms	farms	56 954	-	35 207	21 747	52 454	-	33 211	19 243
	acres	16 587 770	-	10 168 837	6 418 933	16 338 772	-	10 069 845	6 268 927
Land rented or leased to others	farms	14 144	10 044	2 777	1 323	9 191	5 486	2 545	1 160
	acres	2 122 825	1 555 035	350 709	217 081	1 574 726	1 049 909	329 381	195 436
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		78 710	34 434	30 415	13 861	63 692	21 959	28 878	12 855
Not on farm operated		20 505	9 910	3 524	7 071	14 906	5 999	3 168	5 739
Not reported		5 965	3 882	1 268	815	4 033	2 219	1 165	649
Operators by principal occupation:									
Farming		75 279	28 709	30 242	16 328	67 738	22 455	29 714	15 569
Other		29 901	19 517	4 965	5 419	14 893	7 722	3 497	3 674
Operators by days of work off farm:									
None		51 753	21 159	20 983	9 611	45 847	16 050	20 644	9 153
Any		46 229	22 930	12 128	11 171	30 921	11 195	10 532	9 194
1 to 99 days		13 104	3 884	5 119	4 101	11 508	2 687	4 970	3 851
100 to 199 days		7 197	3 259	2 077	1 861	5 406	1 937	1 662	1 807
200 days or more		25 928	15 787	4 932	5 209	14 007	6 571	3 700	3 736
Not reported		7 198	4 137	2 096	965	5 863	2 932	2 035	896
Operators by years on present farm:									
2 years or less		5 787	2 537	744	2 506	4 034	1 406	615	2 013
3 or 4 years		5 973	2 463	988	2 522	4 289	1 306	839	2 144
5 to 9 years		13 617	5 246	3 416	4 955	10 278	2 765	3 048	4 465
10 years or more		65 721	29 623	26 597	9 501	54 138	19 867	25 478	8 793
Average years on present farm		19.7	21.4	21.8	12.5	20.4	23.4	22.2	12.8
Not reported		14 082	8 357	3 462	2 263	9 892	4 833	3 231	1 828
Operators by age group:									
Under 25 years		2 852	816	322	1 714	2 199	472	295	1 432
25 to 34 years		17 458	4 707	4 968	7 783	14 640	2 924	4 688	7 028
35 to 44 years		21 282	7 691	8 303	5 288	16 733	4 299	7 760	4 674
45 to 49 years		10 512	4 622	4 464	1 426	8 130	2 718	4 173	1 239
50 to 54 years		11 232	5 318	4 675	1 239	8 873	3 303	4 490	1 080
55 to 59 years		12 608	6 113	5 137	1 358	10 303	4 165	4 911	1 227
60 to 64 years		12 679	6 846	4 416	1 417	10 441	4 899	4 243	1 299
65 to 69 years		7 848	5 249	1 731	868	5 665	3 321	1 600	744
70 years and over		8 709	6 864	1 191	654	5 647	4 076	1 051	520
Average age		49.3	53.9	48.6	40.3	48.7	54.3	48.6	40.2
Operators by sex:									
Male		101 838	45 734	34 740	21 364	80 750	28 944	32 814	18 992
Female		3 342	2 492	467	383	1 881	1 233	397	251
Operators of Spanish origin (see text)		105	60	27	18	82	43	23	16
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms	89 188	41 321	30 029	17 838	68 845	24 922	28 197	15 726
	acres	25 058 946	6 358 349	13 692 689	5 007 908	23 749 442	5 339 128	13 526 300	4 884 014
Partnership	farms	11 088	4 836	3 051	3 201	9 349	3 538	2 910	2 901
	acres	3 802 372	940 017	1 794 599	1 067 756	3 671 569	846 165	1 778 180	1 047 224
Corporation:									
Family held	farms	4 094	1 543	2 003	548	3 845	1 348	1 991	506
	acres	2 568 304	571 789	1 692 517	303 998	2 543 963	554 152	1 688 923	300 888
More than 10 stockholders	farms	81	43	36	2	78	40	36	2
10 or less stockholders	farms	4 013	1 500	1 967	546	3 767	1 308	1 955	504
Other than family held	farms	310	218	51	41	250	167	49	34
	acres	91 558	35 955	39 066	16 537	86 393	31 296	(D)	(D)
More than 10 stockholders	farms	34	24	7	3	25	17	5	3
10 or less stockholders	farms	276	194	44	38	225	150	44	31
Other—cooperative, estate or trust, institutional, etc.	farms	500	308	73	119	342	202	64	76
	acres	116 950	57 116	37 100	22 734	106 832	49 943	(D)	(D)

See footnotes at end of table.

Table 48. **Summary by Tenure of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS BY SIZE								
1 to 9 acres	7 974	7 158	143	673	3 645	3 297	31	317
10 to 49 acres	10 981	8 437	1 003	1 541	2 440	1 700	269	480
50 to 69 acres	2 901	1 951	408	542	1 099	634	179	286
70 to 99 acres	6 981	4 777	778	1 426	3 985	2 472	502	1 011
100 to 139 acres	7 168	4 442	1 188	1 538	5 236	2 911	953	1 374
140 to 179 acres	10 506	5 829	1 828	2 849	9 182	4 774	1 678	2 730
180 to 219 acres	6 574	3 171	1 753	1 650	5 967	2 702	1 672	1 593
220 to 259 acres	7 119	3 010	2 214	1 895	6 759	2 738	2 156	1 865
260 to 499 acres	25 378	6 875	12 331	6 172	24 800	6 430	12 234	6 136
500 to 999 acres	15 874	2 126	10 768	2 980	15 793	2 076	10 747	2 970
1,000 to 1,999 acres	3 401	404	2 552	445	3 393	399	2 549	445
2,000 acres or more	323	46	241	36	321	44	241	36
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	50 200	18 560	18 640	13 000	42 117	12 508	17 897	11 712
Field crops, except cash grains (013)	1 451	1 195	138	118	204	118	44	42
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	1 451	1 195	138	118	204	118	44	42
Vegetables and melons (016)	213	125	50	38	79	32	30	17
Fruits and tree nuts (017)	195	175	13	7	46	35	8	3
Horticultural specialties (018)	278	221	33	24	192	151	27	14
General farms, primarily crop (019)	1 039	663	247	129	485	178	204	103
Livestock, except dairy, poultry, and animal specialties (021)	43 979	23 127	13 874	6 978	33 596	14 580	12 950	6 066
Beef cattle, except feedlots (0212)	10 095	7 351	1 771	973	4 624	2 850	1 234	540
Dairy farms (024)	4 209	1 860	1 391	958	4 136	1 800	1 385	951
Poultry and eggs (025)	570	415	101	54	400	264	91	45
Animal specialties (027)	1 601	1 288	145	168	209	156	26	27
General farms, primarily livestock and animal specialties (029)	1 445	597	575	273	1 167	355	549	263
LIVESTOCK								
Cattle and calves inventory farms	49 469	22 432	18 237	8 800	40 741	15 370	17 294	8 077
number	4 303 682	1 413 373	2 199 537	690 772	4 131 811	1 277 546	2 177 740	676 525
Farms with—								
1 to 9	4 928	3 322	863	743	1 992	844	627	521
10 to 49	19 719	10 612	5 465	3 642	14 500	6 466	4 847	3 187
50 to 99	12 289	4 899	4 970	2 420	11 762	4 497	4 889	2 376
100 to 199	8 310	2 569	4 301	1 440	8 274	2 542	4 294	1 438
200 to 499	3 423	827	2 132	464	3 416	821	2 131	464
500 or more	800	203	506	91	797	200	506	91
Cows and heifers that had calved farms	38 373	17 428	14 239	6 706	31 662	12 076	13 453	6 133
number	1 418 633	512 742	671 896	233 995	1 337 250	449 038	661 058	227 154
Beef cows farms	32 279	14 812	12 141	5 326	25 846	9 686	11 383	4 777
number	1 123 745	408 238	544 881	170 626	1 044 065	345 903	534 244	163 918
Farms with—								
1 to 9	5 883	3 615	1 329	939	2 822	1 114	1 030	678
10 to 49	19 651	9 149	7 082	3 420	16 343	6 573	6 635	3 135
50 to 99	4 965	1 589	2 624	752	4 910	1 548	2 613	749
100 to 199	1 467	366	922	179	1 462	362	921	179
200 to 499	276	86	159	31	272	82	159	31
500 or more	37	7	25	5	37	7	25	5
Milk cows farms	7 748	3 346	2 761	1 641	7 247	2 939	2 703	1 605
number	294 888	104 504	127 015	63 369	293 185	103 135	126 814	63 236
Farms with—								
1 to 4	880	564	221	95	489	248	173	68
5 to 9	278	164	59	55	208	103	55	50
10 to 49	4 340	1 910	1 405	1 025	4 300	1 880	1 399	1 021
50 to 99	1 955	643	887	425	1 955	643	887	425
100 to 199	272	61	174	37	272	61	174	37
200 to 499	22	3	15	4	22	3	15	4
500 or more	1	1	-	-	1	1	-	-
Heifers and heifer calves farms	38 383	16 937	14 492	6 954	32 079	11 895	13 777	6 407
number	1 275 321	403 081	657 699	214 541	1 232 578	389 734	652 202	210 642
Steers, steer calves, bulls, and bull calves farms	42 527	18 839	16 204	7 484	35 469	13 154	15 409	6 906
number	1 609 726	497 550	869 942	242 236	1 561 983	458 774	864 480	238 729
Cattle and calves sold farms	50 509	22 765	18 752	8 992	42 170	16 020	17 859	8 291
number	3 539 020	1 134 880	1 871 445	532 695	3 461 601	1 072 202	1 863 076	526 323
$1,000	2 124 641	651 926	1 163 329	309 386	2 094 924	628 026	1 160 151	306 748
Calves farms	16 116	8 309	4 918	2 889	12 434	5 312	4 526	2 596
number	355 396	156 348	137 491	61 557	324 299	130 726	134 232	59 341
$1,000	101 352	43 828	41 235	16 289	92 453	36 489	40 322	15 642
Cattle farms	43 833	19 059	16 887	7 887	37 500	13 973	16 187	7 340
number	3 183 624	978 532	1 733 954	471 138	3 137 302	941 476	1 728 844	466 982
$1,000	2 023 290	608 098	1 122 094	293 098	2 002 471	591 536	1 119 829	291 106
Fattened on grain and concentrates farms	22 503	8 456	9 890	4 157	20 611	6 930	9 695	3 986
number	2 405 669	698 863	1 361 728	345 058	2 393 989	689 253	1 360 709	344 027
$1,000	1 643 176	471 205	940 361	231 610	1 637 051	466 217	939 810	231 023

See footnotes at end of table.

Table 48. Summary by Tenure of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LIVESTOCK—Con.								
Hogs and pigs inventory farms	36 670	13 285	15 587	7 798	34 159	11 247	15 374	7 538
number	12 983 074	3 887 504	6 740 565	2 355 005	12 895 969	3 816 769	6 734 617	2 344 563
Farms with—								
1 to 24	3 530	2 141	841	548	2 086	940	720	426
25 to 49	2 560	1 278	730	552	2 043	888	674	481
50 to 99	4 220	1 805	1 372	1 043	3 818	1 481	1 341	996
100 to 199	6 766	2 521	2 600	1 643	6 654	2 429	2 599	1 626
200 to 499	11 269	3 311	5 373	2 585	11 236	3 283	5 371	2 582
500 or more	8 325	2 229	4 669	1 427	8 322	2 226	4 669	1 427
Used or to be used for breeding farms	26 944	9 379	11 778	5 787	25 482	8 216	11 643	5 623
number	1 657 873	526 871	828 150	302 852	1 641 095	513 361	826 732	301 002
Other farms	35 152	12 483	15 165	7 504	32 937	10 699	14 974	7 264
number	11 325 201	3 360 633	5 912 415	2 052 153	11 254 874	3 303 408	5 907 885	2 043 561
Hogs and pigs sold farms	38 638	14 220	16 222	8 196	35 888	11 978	15 997	7 913
number	23 483 812	7 471 167	11 804 306	4 208 339	23 367 520	7 374 737	11 796 007	4 196 776
$1,000	2 494 233	747 776	1 303 979	442 478	2 484 999	740 128	1 303 353	441 518
Feeder pigs farms	8 972	3 446	3 385	2 141	8 151	2 791	3 312	2 048
number	4 460 979	1 972 089	1 652 720	836 170	4 405 253	1 925 890	1 648 314	831 049
$1,000	209 249	90 700	79 590	38 960	207 043	88 876	79 414	38 750
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 farms	28 037	9 888	12 122	6 027	26 366	8 559	11 967	5 840
number	2 495 867	788 746	1 254 200	452 921	2 477 813	773 944	1 252 814	451 055
Dec. 1 and May 31 farms	26 110	9 080	11 475	5 555	24 784	8 022	11 354	5 408
number	1 251 973	398 955	628 001	225 017	1 243 303	391 750	627 367	224 186
June 1 and Nov. 30 farms	25 992	8 853	11 456	5 683	24 646	7 795	11 329	5 522
number	1 243 894	389 791	626 199	227 904	1 234 510	382 194	625 447	226 869
Sheep and lambs of all ages inventory farms	8 636	4 185	2 904	1 547	6 046	2 123	2 621	1 302
number	451 617	170 626	169 498	111 493	376 723	112 318	160 681	103 724
Ewes 1 year old or older farms	8 089	3 884	2 740	1 465	5 664	1 964	2 472	1 228
number	280 591	108 729	111 546	60 316	229 796	69 672	105 338	54 786
Sheep and lambs sold farms	8 806	4 263	2 956	1 587	6 177	2 171	2 674	1 332
number	607 492	181 401	195 434	230 657	546 920	133 805	188 675	224 440
Sheep and lambs shorn farms	8 052	3 842	2 749	1 461	5 680	1 972	2 487	1 221
number	542 200	163 626	174 189	204 385	476 106	113 033	165 921	197 152
pounds of wool	2 901 639	1 091 724	1 165 743	644 172	2 440 905	737 256	1 110 100	593 549
Horses and ponies inventory farms	11 647	6 070	3 757	1 820	7 176	2 540	3 194	1 442
number	59 338	32 164	18 927	8 247	34 375	13 120	15 303	5 952
Horses and ponies sold farms	2 453	1 439	678	336	1 308	544	529	235
number	9 909	5 415	3 017	1 477	6 478	2 801	2 552	1 125
Goats inventory farms	1 082	640	278	164	574	233	220	121
number	7 387	4 162	1 783	1 442	4 188	1 697	1 564	927
Goats sold farms	366	216	92	58	191	82	70	39
number	3 198	2 185	587	426	1 901	1 188	395	318
POULTRY								
Chickens 3 months old or older inventory farms	4 897	2 894	1 304	699	3 299	1 573	1 128	598
number	9 580 666	7 258 358	1 703 244	619 064	9 510 755	7 198 069	1 697 454	615 232
Farms with—								
1 to 399	4 456	2 646	1 167	643	2 870	1 336	991	543
400 to 3,199	175	92	59	24	163	81	59	23
3,200 to 9,999	93	45	36	12	93	45	36	12
10,000 to 19,999	82	50	21	11	82	50	21	11
20,000 to 49,999	50	27	16	7	50	27	16	7
50,000 to 99,999	25	21	2	2	25	21	2	2
100,000 or more	16	13	3	-	16	13	3	-
Hens and pullets of laying age farms	4 834	2 852	1 291	691	3 255	1 546	1 117	592
number	8 212 576	6 113 208	1 521 771	577 597	8 148 440	6 057 957	1 516 503	573 980
Pullets 3 months old or older not of laying age farms	487	283	134	70	322	159	108	55
number	1 368 090	1 145 150	181 473	41 467	1 362 315	1 140 112	180 951	41 252
Hens and pullets sold farms	908	497	283	128	754	366	271	117
number	9 873 596	6 401 990	2 654 110	817 496	9 828 842	6 358 044	2 653 704	817 094
Broilers and other meat-type chickens sold farms	1 060	480	322	258	768	251	290	227
number	666 016	405 380	130 627	130 009	582 165	337 430	121 596	123 139
Farms with—								
1 to 1,999	1 021	461	309	251	735	238	277	220
2,000 to 59,999	38	18	13	7	32	12	13	7
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	1	1	-	-	1	1	-	-
Turkey hens kept for breeding farms	345	203	74	68	191	80	59	52
number	71 889	45 124	13 600	13 165	71 274	44 633	13 546	13 095
Turkeys sold farms	407	204	123	80	320	141	109	70
number	9 594 632	4 584 072	4 127 961	882 599	9 592 464	4 582 317	4 127 627	882 520

See footnotes at end of table.

Table 48. **Summary by Tenure of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
CROPS HARVESTED								
Corn for grain or seed farms	83 301	30 567	33 318	19 416	74 285	23 767	32 381	18 137
acres	10 147 051	2 131 931	5 812 446	2 202 674	9 973 381	2 007 951	5 794 209	2 171 221
bushels	1 274 388 346	256 325 081	741 792 924	276 270 341	1 258 020 972	244 614 474	740 154 216	273 252 282
Irrigated farms	453	123	245	85	434	108	243	83
acres	62 099	16 923	36 275	8 901	61 726	16 594	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	11 524	8 272	1 698	1 554	4 988	3 163	1 007	818
25 to 99 acres	35 088	15 998	9 592	9 498	32 638	14 323	9 353	8 962
100 to 249 acres	27 186	5 257	15 129	6 800	27 157	5 241	15 123	6 793
250 to 499 acres	7 726	848	5 543	1 335	7 725	848	5 542	1 335
500 acres or more	1 777	192	1 356	229	1 777	192	1 356	229
Corn for silage or green chop farms	7 934	2 708	3 883	1 343	7 742	2 562	3 858	1 322
acres	205 176	61 549	113 351	30 276	202 856	59 717	113 084	30 055
tons, green	3 251 394	924 462	1 848 141	478 791	3 217 196	897 805	1 844 316	475 075
Irrigated farms	7	1	6	-	6	-	6	-
acres	110	(D)	(D)	-	(D)	-	(D)	-
Farms by acres harvested:								
1 to 24 acres	5 508	1 975	2 507	1 026	5 341	1 850	2 484	1 007
25 to 99 acres	2 112	652	1 187	273	2 088	632	1 185	271
100 to 249 acres	265	71	154	40	264	70	154	40
250 to 499 acres	41	9	31	1	41	9	31	1
500 acres or more	8	1	4	3	8	1	4	3
Sorghum for grain or seed farms	108	42	49	17	94	33	47	14
acres	4 376	1 907	2 167	302	4 113	1 690	(D)	(D)
bushels	334 779	122 203	190 217	22 359	325 404	116 231	(D)	(D)
Irrigated farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Wheat for grain farms	1 345	498	629	218	1 212	395	615	202
acres	31 047	10 398	15 936	4 713	28 672	8 358	15 739	4 575
bushels	1 180 360	372 035	621 379	186 946	1 113 489	315 254	614 951	183 284
Irrigated farms	2	-	2	-	2	-	2	-
acres	(D)	-	(D)	-	(D)	-	(D)	-
Farms by acres harvested:								
1 to 24 acres	998	384	454	160	892	304	443	145
25 to 99 acres	307	96	158	53	284	77	155	52
100 to 249 acres	33	17	12	4	29	13	12	4
250 to 499 acres	5	1	3	1	5	1	3	1
500 acres or more	2	-	2	-	2	-	2	-
Barley for grain farms	357	157	134	66	339	140	134	65
acres	6 545	2 903	(D)	(D)	6 340	2 738	(D)	(D)
bushels	358 125	153 748	(D)	(D)	351 973	148 276	(D)	(D)
Irrigated farms	7	2	2	3	7	2	2	3
acres	483	(D)	(D)	130	483	(D)	(D)	130
Oats for grain farms	25 398	9 225	10 758	5 415	23 732	7 973	10 572	5 187
acres	544 907	181 138	253 318	110 451	525 517	166 626	251 275	107 616
bushels	30 918 660	9 818 590	14 780 883	6 319 187	30 087 002	9 202 128	14 688 361	6 196 513
Irrigated farms	16	4	9	3	15	3	9	3
acres	484	306	123	55	(D)	(D)	123	55
Farms by acres harvested:								
1 to 24 acres	18 021	6 903	7 175	3 943	16 499	5 755	7 004	3 740
25 to 99 acres	7 125	2 248	3 442	1 435	6 983	2 146	3 427	1 410
100 to 249 acres	238	72	130	36	236	70	130	36
250 to 499 acres	13	2	10	1	13	2	10	1
500 acres or more	1	-	1	-	1	-	1	-
Soybeans for beans farms	68 278	21 831	29 523	16 924	62 537	17 660	28 875	16 002
acres	7 903 395	1 407 647	4 593 817	1 901 931	7 792 894	1 332 209	4 580 147	1 880 538
bushels	326 081 351	56 344 467	191 376 809	78 360 075	322 478 170	53 887 737	190 952 108	77 638 325
Irrigated farms	221	69	111	41	208	59	109	40
acres	20 304	5 803	11 115	3 386	20 082	5 604	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	10 200	6 271	2 198	1 731	6 065	3 143	1 748	1 174
25 to 99 acres	28 626	11 348	9 412	7 866	27 034	10 313	9 219	7 502
100 to 249 acres	22 245	3 637	12 687	5 921	22 231	3 629	12 682	5 920
250 to 499 acres	6 197	491	4 472	1 234	6 197	491	4 472	1 234
500 acres or more	1 010	84	754	172	1 010	84	754	172
Irish potatoes farms	104	56	43	5	63	23	35	5
acres	1 998	878	1 074	46	1 963	845	1 073	46
cwt	336 981	150 603	176 517	9 861	329 780	143 775	176 144	9 861
Irrigated farms	20	7	11	2	18	5	11	2
acres	1 158	(D)	703	(D)	(D)	(D)	703	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms	48 271	20 721	18 737	8 813	40 181	14 274	17 737	8 170
acres	1 968 207	687 654	946 520	334 033	1 829 492	580 490	926 820	322 182
tons, dry	5 612 944	1 855 802	2 806 100	951 042	5 328 103	1 638 851	2 763 002	926 250
Irrigated farms	45	25	16	4	37	18	15	4
acres	1 216	791	(D)	(D)	1 146	737	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	22 645	11 144	7 142	4 359	16 299	6 050	6 394	3 855
25 to 99 acres	21 233	8 435	9 001	3 797	19 538	7 114	8 757	3 667
100 to 249 acres	4 085	1 071	2 400	614	4 037	1 039	2 393	605
250 to 499 acres	278	64	173	41	277	64	172	41
500 acres or more	30	7	21	2	30	7	21	2
Alfalfa hay farms	41 883	17 682	16 480	7 721	35 260	12 411	15 631	7 218
acres	1 380 550	489 543	653 774	237 233	1 283 000	414 223	639 672	229 105
tons, dry	4 444 233	1 470 439	2 204 430	769 364	4 221 401	1 301 190	2 170 046	750 165
Irrigated farms	31	16	13	2	26	12	12	2
acres	641	414	(D)	(D)	607	395	(D)	(D)

See footnotes at end of table.

Table 48. **Summary by Tenure of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text) ---- farms..	64	16	41	7	64	16	41	7
acres..	11	2	6	3	11	2	6	3
Irrigated ---- farms..	2	-	2	-	2	-	2	-
acres..	80	48	20	12	38	15	14	9
Farms by acres harvested:								
0.1 to 4.9 acres ----	104	57	8	40	50	7	5	39
5.0 to 24.9 acres ----	13	11	-	2	7	5	-	2
25.0 to 99.9 acres ----	10	(D)	-	(D)	7	(D)	-	(D)
100.0 to 249.9 acres ----	30	14	10	6	21	6	9	6
250.0 acres or more ----	236	6	187	43	234	(D)	(D)	43
Land in orchards ---- farms..	21	12	7	2	20	11	7	2
acres..	1	-	1	-	1	-	1	-
Irrigated ---- farms..	-	-	-	-	-	-	-	-
acres..	458	347	89	22	196	109	70	17
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres ----	2 488	1 616	706	167	1 644	848	653	143
5.0 to 24.9 acres ----	11 270 927	7 371 387	2 249 459	1 650 081	9 878 446	6 117 034	2 144 931	1 616 481
25.0 to 99.9 acres ----	77	65	10	2	32	22	8	2
100.0 to 249.9 acres ----	29	23	(D)	(D)	20	15	(D)	(D)
250.0 acres or more ----	18 728	10 336	(D)	(D)	15 726	9 021	(D)	(D)

[1] Data are based on a sample of farms.
[2] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 49. **Summary by Type of Organization: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stock-holders	Total	10 or less stock-holders	
FARMS AND LAND IN FARMS										
Farms	number	105 180	89 188	11 088	4 404	4 094	4 013	310	276	500
	percent	100.0	84.8	10.5	4.2	3.9	3.8	.3	.3	.5
Land in farms	acres	31 638 130	25 058 946	3 802 372	2 659 862	2 568 304	2 512 083	91 558	76 406	116 950
Average size of farm	acres	301	281	343	604	627	626	295	277	234
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD										
Total sales (see text)	farms	105 180	89 188	11 088	4 404	4 094	4 013	310	276	500
	$1,000	8 926 799	6 458 754	1 167 123	1 258 180	1 120 000	1 079 773	138 181	100 807	42 741
Average per farm	dollars	84 872	72 417	105 260	285 690	273 571	269 069	445 745	365 241	85 483
Farms by value of sales:										
Less than $1,000 (see text)		3 782	3 460	291	65	56	56	9	8	26
$1,000 to $2,499		5 017	4 624	307	51	42	42	9	8	35
$2,500 to $4,999		5 496	5 001	393	75	53	53	22	18	29
$5,000 to $9,999		8 252	7 258	808	118	98	95	20	17	68
$10,000 to $19,999		12 427	10 771	1 385	208	186	183	22	21	83
$20,000 to $24,999		5 009	4 313	564	93	84	81	9	5	39
$25,000 to $39,999		11 756	10 178	1 284	235	216	214	19	18	59
$40,000 to $49,999		5 996	5 211	613	153	142	138	11	11	19
$50,000 to $99,999		20 656	17 809	2 095	681	650	632	31	31	71
$100,000 to $249,999		20 200	16 470	2 357	1 332	1 282	1 261	50	42	41
$250,000 to $499,999		4 957	3 286	788	860	801	790	59	54	23
$500,000 to $999,999		1 220	656	207	352	320	312	32	29	5
$1,000,000 or more		410	151	76	181	164	156	17	14	2
Grains	farms	81 042	68 385	8 585	3 708	3 537	3 466	171	151	364
	$1,000	3 563 323	2 793 399	388 210	370 474	360 369	352 909	10 105	9 106	11 241
Sales of $50,000 or more	farms	23 982	19 259	2 347	2 323	2 260	2 216	63	59	53
	$1,000	2 507 136	1 868 093	274 921	337 920	329 356	322 463	8 564	7 767	6 203
Corn for grain	farms	72 356	61 060	7 611	3 353	3 209	3 148	144	129	332
	$1,000	1 961 527	1 527 921	214 194	213 004	207 342	202 969	5 661	5 313	6 409
Wheat	farms	1 188	945	147	88	86	84	2	1	8
	$1,000	2 726	2 076	348	291	(D)	279	(D)	(D)	10
Soybeans	farms	68 166	57 423	7 123	3 338	3 208	3 143	130	115	282
	$1,000	1 573 168	1 242 619	170 754	155 032	150 730	147 667	4 302	3 724	4 762
Sorghum for grain	farms	57	35	10	11	9	9	2	-	1
	$1,000	477	271	(D)	(D)	(D)	(D)	(D)	-	(D)
Barley	farms	81	63	13	4	4	4	-	-	1
	$1,000	116	91	(D)	(D)	(D)	(D)	-	-	(D)
Oats	farms	11 842	10 023	1 299	484	465	456	19	15	36
	$1,000	19 604	15 943	2 255	1 357	1 305	1 292	51	40	50
Other grains	farms	677	542	80	50	46	46	4	2	5
	$1,000	5 705	4 476	(D)	600	513	513	86	(D)	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	12 947	11 101	1 294	494	478	471	16	14	58
	$1,000	46 480	36 423	5 549	4 260	4 203	4 122	57	(D)	249
Sales of $50,000 or more	farms	30	17	5	8	8	8	-	-	-
	$1,000	3 365	1 291	363	1 711	1 711	1 711	-	-	-
Vegetables, sweet corn, and melons	farms	596	511	54	26	25	25	1	1	5
	$1,000	7 541	4 464	1 172	931	(D)	(D)	(D)	(D)	974
Sales of $50,000 or more	farms	30	15	6	8	8	8	-	-	1
	$1,000	4 384	1 708	916	(D)	(D)	(D)	-	-	(D)
Fruits, nuts, and berries	farms	371	335	23	11	7	7	4	4	2
	$1,000	2 853	2 407	305	(D)	120	120	(D)	(D)	(D)
Sales of $50,000 or more	farms	13	10	2	1	1	1	-	-	-
	$1,000	1 390	1 125	(D)	(D)	(D)	(D)	-	-	-
Nursery and greenhouse crops	farms	357	246	27	83	77	76	6	5	1
	$1,000	38 241	8 239	2 934	(D)	18 800	(D)	(D)	(D)	(D)
Sales of $50,000 or more	farms	111	42	11	57	53	52	4	3	1
	$1,000	35 714	6 302	(D)	26 242	(D)	(D)	(D)	(D)	(D)
Other crops	farms	99	77	9	9	8	8	1	-	4
	$1,000	1 678	882	69	921	(D)	(D)	(D)	-	6
Sales of $50,000 or more	farms	7	3	-	4	4	4	-	-	-
	$1,000	1 259	377	-	882	882	882	-	-	-
Poultry and poultry products	farms	3 643	3 109	373	142	120	113	22	19	19
	$1,000	192 229	68 885	19 761	90 330	67 521	58 541	22 809	11 895	13 253
Sales of $50,000 or more	farms	426	284	54	86	69	65	17	16	2
	$1,000	186 495	64 156	(D)	90 055	67 280	58 301	22 775	(D)	(D)
Dairy products	farms	7 048	5 616	1 250	153	145	141	8	8	29
	$1,000	392 284	293 775	79 642	17 054	16 552	16 103	502	502	1 812
Sales of $50,000 or more	farms	3 165	2 377	659	117	114	112	3	3	12
	$1,000	294 998	212 957	64 513	16 085	15 642	(D)	442	442	1 444
Cattle and calves	farms	50 509	42 645	5 956	1 721	1 640	1 601	81	69	187
	$1,000	2 124 641	1 394 178	310 258	414 487	363 177	346 399	51 310	35 588	5 718
Sales of $50,000 or more	farms	7 178	5 289	1 074	785	755	735	30	22	30
	$1,000	1 590 392	945 986	243 204	397 420	346 820	330 327	50 600	34 897	3 782

See footnotes at end of table.

Table 49. **Summary by Type of Organization: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stock-holders	Total	10 or less stock-holders	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs farms	38 638	32 175	4 578	1 786	1 656	1 626	130	122	99
$1,000	2 494 231	1 801 644	354 150	329 505	284 029	277 654	45 476	42 329	8 932
Sales of $50,000 or more farms	15 526	11 977	2 139	1 368	1 267	1 245	101	93	44
$1,000	2 058 777	1 424 494	306 763	319 645	274 743	268 541	44 902	41 755	7 876
Sheep, lambs, and wool farms	8 922	7 859	792	233	227	227	6	6	38
$1,000	46 157	41 707	3 475	875	869	869	6	6	101
Sales of $50,000 or more farms	77	68	9	-	-	-	-	-	-
$1,000	21 114	20 099	1 015	-	-	-	-	-	-
Other livestock and livestock products (see text) farms	3 417	3 068	235	104	93	93	11	11	10
$1,000	17 139	12 951	1 599	2 543	2 518	2 518	26	26	46
Sales of $50,000 or more farms	60	48	3	9	9	9	-	-	-
$1,000	8 848	5 696	1 014	2 138	2 138	2 138	-	-	-
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses farms	105 184	88 696	11 249	4 375	4 018	3 923	357	304	664
$1,000	6 647 645	4 829 294	801 577	980 991	866 910	829 567	114 081	79 782	35 782
Average per farm dollars	63 200	54 325	71 258	224 227	215 757	211 462	319 556	262 440	53 889
Livestock and poultry purchased farms	46 066	38 626	5 168	2 065	1 915	1 857	150	134	207
$1,000	1 358 161	891 911	179 027	283 370	241 415	229 468	41 955	28 911	3 853
Farms with expenses of—									
$1 to $4,999	20 895	18 114	2 208	470	447	435	23	22	103
$5,000 to $24,999	14 932	12 657	1 699	529	487	473	42	42	47
$25,000 to $99,999	7 811	6 269	903	588	535	528	53	43	51
$100,000 or more	2 428	1 586	358	478	446	421	32	27	6
Feed for livestock and poultry farms	64 752	54 829	7 035	2 590	2 391	2 315	199	164	298
$1,000	1 101 866	750 663	150 157	191 640	156 004	145 144	35 636	25 624	9 406
Farms with expenses of—									
$1 to $4,999	31 369	27 734	2 904	552	506	493	46	31	179
$5,000 to $24,999	22 076	18 713	2 520	770	737	707	33	32	73
$25,000 to $99,999	9 846	7 567	1 395	849	801	774	48	38	35
$100,000 or more	1 461	815	216	419	347	341	72	63	11
Commercially mixed formula feeds farms	33 282	27 647	3 967	1 503	1 396	1 368	105	82	165
$1,000	475 104	305 525	66 228	96 571	77 609	68 971	18 961	12 181	6 781
Farms with expenses of—									
$1 to $4,999	17 634	15 257	1 836	427	394	387	33	17	112
$5,000 to $24,999	11 352	9 435	1 400	480	472	463	8	7	37
$25,000 to $79,999	3 545	2 538	617	382	355	347	27	25	8
$80,000 or more	751	417	112	214	177	171	37	33	8
Seeds, bulbs, plants, and trees farms	88 807	74 549	9 864	3 901	3 681	3 596	220	183	493
$1,000	308 197	240 671	34 880	31 542	28 683	28 068	2 859	921	1 103
Farms with expenses of—									
$1 to $999	23 074	19 877	2 587	369	349	326	40	28	221
$1,000 to $4,999	45 976	39 264	5 155	1 331	1 229	1 198	102	81	226
$5,000 to $24,999	19 426	15 252	2 053	2 076	2 005	1 985	71	68	45
$25,000 or more	331	156	69	105	98	89	7	6	1
Commercial fertilizer farms	83 067	69 809	9 023	3 803	3 585	3 502	218	181	432
$1,000	467 355	366 497	53 453	45 870	44 397	43 271	1 473	1 336	1 535
Farms with expenses of—									
$1 to $4,999	51 929	44 843	5 554	1 207	1 071	1 041	136	106	325
$5,000 to $24,999	29 100	23 639	3 185	2 177	2 108	2 068	69	62	99
$25,000 to $49,999	1 788	1 202	229	349	339	330	10	10	8
$50,000 or more	250	125	55	70	67	63	3	3	-
Agricultural chemicals farms	86 631	72 790	9 456	3 883	3 652	3 572	231	200	502
$1,000	309 894	242 033	34 908	31 472	30 415	29 734	1 057	954	1 482
Farms with expenses of—									
$1 to $4,999	66 563	57 091	7 329	1 698	1 523	1 474	175	148	445
$5,000 to $24,999	19 490	15 375	2 031	2 030	1 979	1 957	51	47	54
$25,000 to $49,999	514	286	82	134	130	124	4	4	2
$50,000 or more	64	28	14	21	20	17	1	1	1
Petroleum products farms	100 939	85 346	10 759	4 222	3 898	3 803	324	272	612
$1,000	315 061	244 263	38 259	31 245	29 117	28 103	2 128	1 446	1 295
Farms with expenses of—									
$1 to $4,999	81 446	70 559	8 297	2 051	1 823	1 762	228	184	539
$5,000 to $24,999	19 169	14 648	2 397	2 057	1 974	1 946	83	77	67
$25,000 to $49,999	274	125	56	87	75	73	12	11	6
$50,000 or more	50	14	9	27	26	22	1	-	-
Gasoline and gasohol farms	87 982	74 711	9 178	3 605	3 381	3 301	224	179	488
$1,000	105 047	83 728	12 823	8 035	7 564	7 363	471	382	462
Diesel fuel farms	73 400	61 246	8 243	3 579	3 359	3 292	220	179	332
$1,000	136 878	105 875	16 676	13 845	13 263	12 943	582	523	481
Natural gas farms	5 064	3 981	658	390	365	357	25	17	35
$1,000	6 637	4 083	742	1 744	1 643	1 319	100	98	68
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms	86 862	73 030	9 426	3 951	3 698	3 618	253	211	455
$1,000	66 500	50 577	8 018	7 621	6 646	6 478	975	443	284

See footnotes at end of table.

Table 49. Summary by Type of Organization: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stock-holders	Total	10 or less stock-holders	
FARM PRODUCTION EXPENSES[1] —Con.										
Total farm production expenses—Con.										
Electricity	farms	90 255	78 184	9 581	3 982	3 687	3 593	295	250	508
	$1,000	126 591	95 987	15 792	13 821	12 069	11 698	1 752	1 355	992
Farms with expenses of—										
$1 to $999		47 918	41 817	4 665	1 070	997	957	73	48	386
$1,000 to $4,999		39 358	32 661	4 408	2 167	2 032	1 993	135	125	122
$5,000 to $24,999		2 896	1 681	493	705	630	617	75	66	17
$25,000 or more		83	25	15	40	28	26	12	9	3
Hired farm labor	farms	49 121	41 152	4 834	2 945	2 762	2 712	183	166	190
	$1,000	282 515	158 573	33 248	87 009	77 519	74 805	9 490	5 385	3 685
Farms with expenses of—										
$1 to $4,999		37 600	33 133	3 624	725	664	657	61	59	118
$5,000 to $24,999		8 660	6 876	838	1 125	1 090	1 072	35	32	41
$25,000 to $99,999		2 443	1 100	344	974	901	882	73	66	25
$100,000 or more		198	43	28	121	107	101	14	9	6
Contract labor	farms	8 078	6 629	843	546	493	486	53	50	60
	$1,000	21 032	15 050	2 716	3 141	2 389	2 316	752	502	125
Farms with expenses of—										
$1 to $999		3 846	3 217	405	188	177	177	11	11	36
$1,000 to $4,999		3 123	2 644	246	215	190	187	25	25	18
$5,000 to $24,999		1 032	723	181	122	109	106	13	12	6
$25,000 or more		77	45	11	21	17	16	4	2	–
Repair and maintenance	farms	91 920	78 125	9 479	3 872	3 611	3 516	261	230	444
	$1,000	407 270	318 753	47 240	39 568	37 067	35 903	2 502	2 152	1 709
Farms with expenses of—										
$1 to $4,999		63 247	55 323	6 236	1 362	1 240	1 198	122	103	326
$5,000 to $24,999		27 602	22 223	3 062	2 204	2 089	2 048	115	106	113
$25,000 to $49,999		905	518	152	232	214	207	18	18	3
$50,000 or more		166	61	29	74	68	63	6	3	2
Customwork, machine hire, and rental of machinery and equipment	farms	57 354	48 718	5 873	2 458	2 291	2 242	167	148	305
	$1,000	133 395	104 805	15 395	12 240	11 262	10 877	978	880	956
Farms with expenses of—										
$1 to $999		25 122	21 852	2 487	649	601	595	48	46	154
$1,000 to $4,999		25 700	21 887	2 646	1 075	1 017	994	58	52	92
$5,000 to $24,999		6 238	4 815	723	645	595	579	50	40	55
$25,000 or more		294	164	37	89	78	74	11	10	4
Interest expense	farms	67 262	57 427	6 433	3 186	3 004	2 945	182	170	21
	$1,000	579 338	451 679	57 066	68 590	65 018	62 991	3 562	2 786	2 01
Farms with expenses of—										
$1 to $4,999		37 493	32 670	3 728	974	913	911	61	53	12
$5,000 to $24,999		24 442	20 881	2 143	1 340	1 247	1 209	93	90	7
$25,000 to $99,999		5 121	3 787	539	781	759	746	22	22	1
$100,000 or more		206	89	23	91	85	79	6	5	
Secured by real estate	farms	44 371	38 234	3 654	2 363	2 225	2 180	136	129	12
	$1,000	390 226	308 534	34 705	45 767	43 815	42 576	1 952	1 924	1 22
Farms with expenses of—										
$1 to $999		6 684	5 925	581	165	160	159	5	5	1
$1,000 to $4,999		16 369	14 462	1 316	536	494	491	42	34	5
$5,000 to $24,999		17 889	15 391	1 403	1 050	978	949	72	71	4
$25,000 or more		3 429	2 456	354	612	593	581	19	19	
Not secured by real estate	farms	41 208	35 105	4 127	1 832	1 760	1 728	72	69	14
	$1,000	189 113	143 145	22 362	22 814	21 204	20 413	1 610	862	79
Farms with expenses of—										
$1 to $999		13 476	11 856	1 299	277	258	258	19	19	4
$1,000 to $4,999		16 664	14 506	1 613	501	490	488	11	11	4
$5,000 to $24,999		10 034	8 117	1 062	803	771	753	32	30	5
$25,000 or more		1 034	626	153	251	241	229	10	9	
Cash rent	farms	41 375	34 936	4 114	2 171	2 117	2 077	54	49	15
	$1,000	492 800	387 821	54 209	49 637	48 727	48 125	910	841	1 13
Farms with expenses of—										
$1 to $4,999		15 835	13 631	1 639	467	455	441	12	10	
$5,000 to $9,999		8 684	7 485	828	347	330	324	17	17	
$10,000 to $24,999		11 593	9 836	1 081	651	634	618	17	15	
$25,000 or more		5 263	3 984	566	706	698	694	8	7	
Property taxes	farms	87 431	74 537	8 414	3 944	3 598	3 503	346	296	5
	$1,000	230 810	179 695	25 305	24 369	22 916	22 175	1 452	1 191	1 4
Farms with expenses of—										
$1 to $4,999		75 206	65 632	7 005	2 091	1 819	1 767	272	230	4
$5,000 to $9,999		9 596	7 385	1 014	1 172	1 130	1 110	42	40	
$10,000 to $24,999		2 474	1 467	369	611	583	567	28	24	
$25,000 or more		155	53	26	70	66	59	4	2	
All other farm production expenses	farms	101 919	86 084	10 994	4 294	3 960	3 865	334	283	5
	$1,000	513 358	380 896	59 921	67 487	59 911	56 892	7 577	5 497	5 0
Farms with expenses of—										
$1 to $4,999		73 591	63 465	7 729	1 904	1 720	1 669	184	153	4
$5,000 to $24,999		25 444	20 721	2 925	1 740	1 660	1 634	80	76	
$25,000 to $49,999		2 166	1 519	232	403	372	364	31	20	
$50,000 or more		718	359	108	247	208	198	39	34	

See footnotes at end of table.

Table 49. **Summary by Type of Organization: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Family held		Other than family held		
				Total	Total	10 or less stockholders	Total	10 or less stockholders	
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]									
All farms ... number	105 184	86 896	11 249	4 375	4 018	3 923	357	304	664
$1,000	2 146 997	1 568 415	318 074	249 276	223 063	219 159	26 213	22 560	11 231
Average per farm ... dollars	20 412	17 643	28 276	56 977	55 516	55 865	73 427	74 210	16 914
Farms with net gains[2] ... number	74 987	62 034	9 096	3 433	3 159	3 082	274	248	424
Average net gain ... dollars	31 660	28 315	36 902	78 406	76 613	76 213	99 070	93 914	30 076
Gain of—									
Less than $1,000	4 767	4 135	485	111	83	82	28	24	38
$1,000 to $9,999	22 906	19 612	2 576	528	465	452	63	52	190
$10,000 to $49,999	33 147	27 783	3 923	1 286	1 220	1 179	66	63	155
$50,000 or more	14 167	10 504	2 112	1 508	1 391	1 369	117	109	43
Farms with net losses ... number	30 197	26 862	2 153	942	859	841	83	56	240
Average net loss ... dollars	7 521	7 003	8 167	21 116	22 071	18 703	11 225	13 051	6 338
Loss of—									
Less than $1,000	4 943	4 460	388	43	42	42	1	1	52
$1,000 to $9,999	18 984	17 073	1 274	477	429	428	48	31	160
$10,000 to $49,999	5 889	5 050	455	358	326	311	32	22	26
$50,000 or more	381	279	36	64	62	60	2	2	2
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments ... farms	75 203	63 201	8 125	3 575	3 437	3 363	138	128	302
$1,000	1 153 713	911 586	125 624	112 825	109 964	107 282	2 861	2 651	3 676
Other farm-related income[1] ... farms	30 370	25 962	2 930	1 330	1 267	1 229	63	42	128
$1,000	132 006	107 848	12 057	10 562	10 340	9 904	222	110	1 541
Customwork and other agricultural services ... farms	15 001	12 980	1 376	628	598	589	30	30	17
$1,000	61 977	51 386	6 199	4 375	4 306	4 130	68	68	17
Gross cash rent or share payments ... farms	8 633	7 335	801	394	365	337	29	9	103
$1,000	58 000	47 090	4 695	4 704	4 589	4 390	115	20	1 511
Forest products and Christmas trees ... farms	710	616	40	54	53	52	1	1	-
$1,000	1 876	1 393	91	392	(D)	378	(D)	(D)	-
Other farm-related income sources ... farms	11 908	10 137	1 229	533	527	517	6	5	9
$1,000	10 156	7 960	1 073	1 091	(D)	1 006	(D)	(D)	12
COMMODITY CREDIT CORPORATION LOANS									
Total ... farms	51 176	43 074	5 176	2 779	2 695	2 638	84	77	149
$1,000	1 598 775	1 234 850	170 401	190 060	185 789	181 721	4 271	4 037	3 465
Corn ... farms	50 551	42 531	5 117	2 755	2 671	2 614	84	77	148
$1,000	1 298 123	998 302	140 819	155 896	152 444	148 980	3 452	(D)	3 106
Wheat ... farms	61	49	6	6	6	6	-	-	-
$1,000	127	80	34	13	13	13	-	-	-
Soybeans ... farms	14 094	11 908	1 254	898	878	861	20	19	34
$1,000	298 747	235 314	(D)	33 827	33 008	32 404	819	(D)	(D)
Sorghum, barley, and oats ... farms	86	64	13	8	8	8	-	-	1
$1,000	190	97	(D)	(D)	(D)	(D)	-	-	(D)
Cotton ... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ... farms	70	66	2	2	2	2	-	-	-
$1,000	1 587	1 056	(D)	(D)	(D)	(D)	-	-	-
LAND IN FARMS ACCORDING TO USE									
Total cropland ... farms	96 749	82 220	10 010	4 085	3 862	3 787	223	196	434
acres	27 290 868	21 579 015	3 253 379	2 365 330	2 291 944	2 243 139	73 386	64 823	93 144
Harvested cropland ... farms	92 878	78 763	9 710	3 991	3 793	3 718	198	176	414
acres	20 484 178	16 115 058	2 449 752	1 852 418	1 798 321	1 758 923	54 097	47 005	66 950
Farms by acres harvested:									
1 to 49 acres	17 548	15 887	1 265	298	238	236	60	54	98
50 to 99 acres	13 956	12 061	1 566	238	209	205	29	25	91
100 to 199 acres	23 454	20 126	2 715	490	457	444	33	29	123
200 to 499 acres	29 005	24 484	2 948	1 492	1 450	1 420	42	38	81
500 to 999 acres	7 723	5 599	965	1 143	1 120	1 105	23	22	16
1,000 to 1,999 acres	1 114	578	229	303	293	283	10	7	4
2,000 acres or more	78	28	22	27	26	25	1	1	1
Cropland:									
Pasture or grazing only ... farms	36 766	31 402	4 037	1 188	1 136	1 107	52	47	139
acres	2 283 547	1 848 340	307 980	117 891	113 396	110 741	4 495	4 355	9 336
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ... farms	27 088	22 884	2 732	1 351	1 285	1 258	66	57	121
acres	1 670 711	1 345 705	182 643	135 563	130 101	128 067	5 462	4 658	6 800
On which all crops failed ... farms	1 640	1 390	169	70	65	64	5	4	11
acres	45 013	37 757	3 857	(D)	(D)	(D)	(D)	(D)	(D)
In cultivated summer fallow ... farms	844	709	108	25	22	22	3	3	2
acres	45 160	37 441	5 709	(D)	(D)	(D)	(D)	(D)	(D)
Idle ... farms	42 114	35 374	4 319	2 244	2 142	2 096	102	89	177
acres	2 762 259	2 194 714	303 438	254 409	245 690	241 028	8 719	8 292	9 698
Total woodland ... farms	24 782	21 173	2 641	871	818	796	53	44	97
acres	1 316 448	1 065 432	170 861	73 027	66 850	64 790	6 177	5 068	7 128
Woodland pastured ... farms	14 393	12 320	1 617	411	392	383	19	16	45
acres	774 976	629 176	107 314	35 233	33 210	32 081	2 023	(D)	3 253
Woodland not pastured ... farms	14 477	12 310	1 507	595	553	538	42	33	65
acres	541 472	436 256	63 547	37 794	33 640	32 709	4 154	(D)	3 875

See footnotes at end of table.

Table 49. **Summary by Type of Organization: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stock-holders	Total	10 or less stock-holders	
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured ..... farms	22 415	19 193	2 287	644	809	790	35	28	91
acres	1 452 248	1 141 291	204 111	98 586	92 244	89 887	6 342	2 578	8 260
Land in house lots, ponds, roads, wasteland, etc. ..... farms	79 586	67 780	7 984	3 466	3 241	3 177	225	195	356
acres	1 578 566	1 273 208	174 021	122 919	117 266	114 287	5 653	3 937	8 418
Cropland under federal acreage reduction programs:									
Annual commodity acreage adjustment programs ..... farms	69 141	58 112	7 363	3 412	3 292	3 222	120	112	254
acres	3 560 902	2 817 249	407 332	326 371	318 136	311 520	8 235	7 733	9 950
Conservation reserve program ..... farms	8 050	6 808	706	499	480	469	19	18	35
acres	697 896	571 205	68 225	53 440	51 128	50 464	2 312	(D)	5 026
Value of land and buildings[1] ..... farms	105 184	88 896	11 249	4 375	4 018	3 923	357	304	664
$1,000	29 829 901	23 490 430	3 463 102	2 737 739	2 600 678	2 545 544	137 061	109 240	138 630
Average per farm ..... dollars	283 597	264 246	307 859	625 769	647 257	648 877	383 924	359 342	208 780
Average per acre ..... dollars	947	939	921	1 053	1 042	1 043	1 329	1 222	969
Farms by value group:									
$1 to $39,999	13 227	11 356	1 365	300	233	222	67	57	206
$40,000 to $69,999	11 020	9 990	804	155	123	123	32	28	71
$70,000 to $99,999	9 152	7 955	986	148	129	129	19	10	63
$100,000 to $149,999	12 468	10 830	1 316	235	195	195	40	39	87
$150,000 to $199,999	9 769	8 363	1 174	180	157	142	23	22	52
$200,000 to $499,999	31 637	26 639	3 644	1 250	1 149	1 113	101	81	104
$500,000 to $999,999	14 045	11 308	1 416	1 259	1 218	1 200	41	38	62
$1,000,000 to $1,999,999	3 466	2 289	448	718	690	679	28	26	11
$2,000,000 to $4,999,999	380	161	92	119	116	112	3	2	8
$5,000,000 or more	20	5	4	11	8	8	3	1	-
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms	104 901	88 684	11 194	4 366	4 016	3 921	350	297	657
$1,000	5 543 375	4 374 155	664 467	474 915	449 085	440 268	25 831	20 875	29 837
Farms by value group:									
$1 to $4,999	6 659	5 841	652	110	93	92	17	15	56
$5,000 to $9,999	12 872	11 531	963	215	168	162	47	47	163
$10,000 to $19,999	15 609	13 737	1 464	329	294	278	35	34	79
$20,000 to $49,999	28 782	24 670	3 326	635	550	522	85	58	151
$50,000 to $99,999	22 911	19 147	2 522	1 113	1 044	1 032	69	61	129
$100,000 to $199,999	14 193	11 155	1 748	1 231	1 163	1 146	68	56	59
$200,000 to $499,999	3 763	2 549	507	690	663	650	27	25	17
$500,000 or more	112	54	12	43	41	39	2	1	3
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups ..... farms	93 674	79 287	9 860	4 018	3 737	3 648	281	230	509
number	143 433	117 179	16 525	8 970	8 348	8 105	622	449	759
Wheel tractors ..... farms	97 120	81 990	10 449	4 092	3 779	3 684	313	265	589
number	302 392	247 630	35 998	17 041	16 090	15 695	951	795	1 723
Less than 40 horsepower (PTO) ..... farms	48 200	40 709	5 171	1 953	1 834	1 774	119	103	367
number	79 062	65 824	8 938	3 703	3 509	3 419	194	160	597
40 horsepower (PTO) or more ..... farms	85 755	72 028	9 441	3 810	3 520	3 434	290	245	476
number	223 330	181 806	27 060	13 338	12 581	12 276	757	635	1 126
Grain and bean combines ..... farms	55 575	45 730	6 477	3 094	2 919	2 871	175	152	274
number	60 004	49 074	7 112	3 500	3 299	3 243	201	160	318
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	29 756	24 190	4 040	1 345	1 249	1 203	96	93	181
number	31 333	25 402	4 241	1 495	1 398	1 351	97	94	195
Pickup balers ..... farms	40 640	33 676	5 239	1 550	1 439	1 411	111	107	175
number	46 867	38 659	6 181	1 810	1 680	1 648	130	125	217
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms	83 051	69 809	9 013	3 803	3 585	3 502	218	181	426
acres on which used	13 313 702	10 427 055	1 583 443	1 248 352	1 208 668	1 182 676	39 684	35 121	54 852
Lime ..... farms	17 823	14 666	2 222	876	840	829	36	33	59
acres on which used	1 219 181	956 752	156 552	101 735	98 464	97 304	3 271	3 086	4 142
tons	2 846 403	2 229 029	369 350	238 098	229 581	226 495	8 517	8 057	9 931
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms	41 361	33 965	4 918	2 244	2 106	2 069	138	123	234
acres on which used	4 910 343	3 741 992	639 491	508 912	489 796	478 855	19 116	17 558	19 948
Nematodes in crops ..... farms	2 548	2 053	326	149	132	125	17	17	20
acres on which used	267 277	207 218	34 613	23 833	22 305	20 670	1 528	1 528	1 613
Diseases in crops and orchards ..... farms	1 330	1 014	167	106	102	102	4	2	43
acres on which used	112 420	75 953	18 294	12 912	12 271	12 271	641	(D)	5 261
Weeds, grass, or brush in crops and pasture ..... farms	70 486	59 246	7 593	3 269	3 085	3 008	184	162	378
acres on which used	14 709 093	11 591 094	1 636 357	1 424 410	1 376 647	1 346 995	47 763	44 388	57 232
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	1 066	872	102	83	81	81	2	2	9
acres on which used	120 779	92 282	13 429	14 075	(D)	(D)	(D)	(D)	993

See footnotes at end of table.

Table 49. **Summary by Type of Organization: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
						Family held		Other than family held		
					Total	Total	10 or less stock-holders	Total	10 or less stock-holders	
TENURE AND RACE OF OPERATOR										
All operators		105 180	89 188	11 088	4 404	4 094	4 013	310	276	500
Full owners		48 226	41 321	4 836	1 761	1 543	1 500	218	194	308
Part owners		35 207	30 029	3 051	2 054	2 003	1 967	51	44	73
Tenants		21 747	17 838	3 201	589	548	546	41	38	119
White		105 056	89 085	11 075	4 401	4 091	4 010	310	276	495
Full owners		48 162	41 268	4 830	1 758	1 540	1 497	218	194	306
Part owners		35 182	30 006	3 050	2 054	2 003	1 967	51	44	72
Tenants		21 712	17 811	3 195	589	548	546	41	38	117
Black and other races		124	103	13	3	3	3	-	-	5
Full owners		64	53	6	3	3	3	-	-	2
Part owners		25	23	1	-	-	-	-	-	1
Tenants		35	27	6	-	-	-	-	-	2
OWNED AND RENTED LAND										
Land owned	farms	84 315	72 108	7 968	3 849	3 579	3 500	270	239	390
	acres	17 021 650	13 402 140	1 962 426	1 558 360	1 491 893	1 438 382	66 467	54 293	98 724
Owned land in farms	farms	83 433	71 350	7 867	3 815	3 546	3 467	269	238	381
	acres	15 050 360	11 873 120	1 701 130	1 397 756	1 339 109	1 295 326	58 647	48 523	78 354
Land rented or leased from others	farms	57 231	48 086	6 291	2 660	2 567	2 529	93	83	194
	acres	16 739 305	13 295 113	2 126 171	1 277 860	1 244 908	1 232 430	32 952	27 924	40 161
Rented or leased land in farms	farms	56 954	47 867	6 252	2 643	2 551	2 513	92	82	192
	acres	16 567 770	13 185 826	2 101 242	1 262 106	1 229 195	1 216 757	32 911	27 863	38 596
Land rented or leased to others	farms	14 144	11 780	1 622	645	597	574	48	39	97
	acres	2 122 825	1 638 307	286 225	176 358	168 497	158 729	7 861	5 811	21 935
OPERATOR CHARACTERISTICS										
Operators by place of residence:										
On farm operated		78 710	68 412	7 074	3 010	2 884	2 831	126	120	214
Not on farm operated		20 505	15 799	3 367	1 097	930	905	167	139	242
Not reported		5 965	4 977	647	297	280	277	17	17	44
Operators by principal occupation:										
Farming		75 279	63 076	8 300	3 609	3 428	3 363	181	167	294
Other		29 901	26 112	2 788	795	666	650	129	109	206
Operators by days of work off farm:										
None		51 753	42 757	5 895	2 884	2 715	2 666	169	150	217
Any		46 229	40 304	4 381	1 312	1 186	1 161	126	111	232
1 to 99 days		13 104	11 194	1 370	486	463	455	23	22	54
100 to 199 days		7 197	6 316	647	213	196	194	17	14	21
200 days or more		25 928	22 794	2 364	613	527	512	86	75	157
Not reported		7 198	6 127	812	208	193	186	15	15	51
Operators by years on present farm:										
2 years or less		5 787	4 734	778	208	173	169	35	23	67
3 or 4 years		5 973	4 951	813	165	134	133	31	28	44
5 to 9 years		13 617	11 317	1 736	492	450	444	42	36	72
10 years or more		65 721	56 644	6 000	2 874	2 735	2 678	139	129	203
Average years on present farm		19.7	19.7	18.9	21.1	21.7	21.6	13.4	14.3	14.9
Not reported		14 082	11 542	1 761	665	602	589	63	60	114
Operators by age group:										
Under 25 years		2 852	2 482	313	36	32	31	4	4	21
25 to 34 years		17 458	14 675	2 257	450	399	394	51	44	76
35 to 44 years		21 282	18 259	1 968	960	876	865	84	69	95
45 to 49 years		10 512	9 168	776	528	499	487	29	25	40
50 to 54 years		11 232	9 690	963	540	507	500	33	32	39
55 to 59 years		12 608	10 725	1 206	615	577	565	38	35	62
60 to 64 years		12 679	10 541	1 464	612	580	566	32	30	62
65 to 69 years		7 848	6 525	935	348	330	321	18	17	40
70 years and over		8 709	7 123	1 206	315	294	284	21	20	65
Average age		49.3	49.2	49.6	51.1	51.3	51.3	47.9	48.5	50.8
Operators by sex:										
Male		101 838	86 458	10 661	4 263	3 963	3 883	300	267	456
Female		3 342	2 730	427	141	131	130	10	9	44
Operators of Spanish origin (see text)		105	84	8	10	9	9	1	1	3
FARMS BY TYPE OF ORGANIZATION										
Individual or family (sole proprietorship)	farms	89 188	89 188	-	-	-	-	-	-	-
	acres	25 058 946	25 058 946	-	-	-	-	-	-	-
Partnership	farms	11 088	-	11 088	-	-	-	-	-	-
	acres	3 802 372	-	3 802 372	-	-	-	-	-	-
Corporation:										
Family held	farms	4 094	-	-	4 094	4 094	4 013	-	-	-
	acres	2 568 304	-	-	2 568 304	2 568 304	2 512 063	-	-	-
More than 10 stockholders	farms	81	-	-	81	81	-	-	-	-
10 or less stockholders	farms	4 013	-	-	4 013	4 013	4 013	-	-	-
Other than family held	farms	310	-	-	310	-	-	310	276	-
	acres	91 558	-	-	91 558	-	-	91 558	76 406	-
More than 10 stockholders	farms	34	-	-	34	-	-	34	-	-
10 or less stockholders	farms	276	-	-	276	-	-	276	276	-
Other—cooperative, estate or trust, institutional, etc.	farms	500	-	-	-	-	-	-	-	500
	acres	116 950	-	-	-	-	-	-	-	116 950

See footnotes at end of table.

Table 49. **Summary by Type of Organization: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, institutional, etc.
FARMS BY SIZE									
1 to 9 acres	7 974	6 623	1 017	278	226	223	52	49	56
10 to 49 acres	10 981	9 933	757	221	146	145	75	71	70
50 to 69 acres	2 901	2 573	255	52	42	42	10	7	21
70 to 99 acres	6 981	6 179	641	119	99	98	20	15	42
100 to 139 acres	7 168	6 258	765	106	86	85	20	18	39
140 to 179 acres	10 506	9 121	1 144	172	151	142	21	18	69
180 to 219 acres	6 574	5 669	743	131	120	118	11	11	31
220 to 259 acres	7 119	6 148	773	172	162	158	10	7	26
260 to 499 acres	25 378	21 731	2 609	941	909	885	32	29	97
500 to 999 acres	15 874	12 682	1 728	1 433	1 402	1 382	31	29	31
1,000 to 1,999 acres	3 401	2 129	570	687	663	652	24	19	15
2,000 acres or more	323	142	86	92	88	83	4	3	3
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)	50 200	42 849	4 835	2 243	2 117	2 077	126	111	273
Field crops, except cash grains (013)	1 451	1 321	90	30	29	29	1	1	10
Cotton (0131)	-	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	1 451	1 321	90	30	29	29	1	1	10
Vegetables and melons (016)	213	186	20	5	5	5	-	-	2
Fruits and tree nuts (017)	195	178	13	4	3	3	1	1	-
Horticultural specialties (018)	278	178	21	78	72	71	6	5	1
General farms, primarily crop (019)	1 039	921	87	23	19	19	4	3	8
Livestock, except dairy, poultry, and animal specialties (021)	43 979	37 138	4 896	1 772	1 625	1 592	147	132	173
Beef cattle, except feedlots (0212)	10 095	8 954	942	156	140	139	16	12	43
Dairy farms (024)	4 209	3 356	759	77	73	70	4	4	17
Poultry and eggs (025)	570	436	53	77	59	55	18	16	4
Animal specialties (027)	1 601	1 467	85	44	42	42	2	2	5
General farms, primarily livestock and animal specialties (029)	1 445	1 158	229	51	50	50	1	1	7
LIVESTOCK									
Cattle and calves inventory ... farms	49 469	41 811	5 820	1 653	1 573	1 535	80	69	185
number	4 303 682	3 168 766	653 964	465 588	428 704	414 740	36 884	27 198	15 364
Farms with—									
1 to 9	4 928	4 501	347	64	57	56	7	7	16
10 to 49	19 719	17 439	1 867	333	308	297	25	21	80
50 to 99	12 289	10 423	1 550	270	261	255	9	9	46
100 to 199	8 310	6 589	1 304	391	379	374	12	10	26
200 to 499	3 423	2 416	607	386	368	360	18	16	14
500 or more	800	443	145	209	200	193	9	6	3
Cows and heifers that had calved ... farms	38 373	32 524	4 606	1 101	1 040	1 018	61	52	142
number	1 418 633	1 115 974	213 135	82 877	78 471	76 528	4 406	2 959	6 647
Beef cows ... farms	32 279	27 627	3 555	979	927	906	52	43	118
number	1 123 745	893 936	152 869	71 603	67 533	65 911	4 070	2 623	5 337
Farms with—									
1 to 9	5 883	5 323	464	76	69	69	7	5	20
10 to 49	19 651	17 037	2 115	431	410	398	21	18	68
50 to 99	4 965	4 023	673	252	246	242	6	6	17
100 to 199	1 467	1 059	239	159	144	141	15	13	10
200 to 499	276	164	57	52	50	48	2	1	3
500 or more	37	21	7	9	8	8	1	-	-
Milk cows ... farms	7 748	6 247	1 313	157	147	143	10	10	31
number	294 888	222 038	60 266	11 274	10 938	10 617	336	336	1 310
Farms with—									
1 to 4	880	793	75	8	6	6	2	2	4
5 to 9	278	236	37	3	1	1	2	2	2
10 to 49	4 340	3 611	665	49	46	44	3	3	15
50 to 99	1 955	1 420	462	65	63	62	2	2	8
100 to 199	272	173	71	26	25	24	1	1	2
200 to 499	22	13	3	6	6	6	-	-	-
500 or more	1	1	-	-	-	-	-	-	-
Heifers and heifer calves ... farms	38 383	32 374	4 628	1 244	1 184	1 156	60	50	137
number	1 275 321	925 430	192 502	153 553	137 251	130 920	16 302	10 252	3 836
Steers, steer calves, bulls, and bull calves ... farms	42 527	35 890	5 037	1 443	1 381	1 344	62	53	157
number	1 609 728	1 127 382	248 327	229 158	212 982	207 292	16 176	13 987	4 861
Cattle and calves sold ... farms	50 509	42 645	5 956	1 721	1 640	1 601	81	69	187
number	3 539 020	2 410 991	511 080	606 479	533 679	509 567	72 800	49 556	10 470
$1,000	2 124 641	1 394 178	310 258	414 487	363 177	346 399	51 310	35 588	5 718
Calves ... farms	16 116	13 847	1 902	295	272	266	23	17	72
number	355 396	296 298	45 402	11 671	10 165	10 096	1 506	726	2 025
$1,000	101 352	84 937	12 287	3 561	3 087	3 073	474	233	566
Cattle ... farms	43 833	36 799	5 245	1 620	1 553	1 516	67	60	169
number	3 183 624	2 114 693	465 678	594 808	523 514	499 471	71 294	48 830	8 445
$1,000	2 023 290	1 309 241	297 971	410 927	360 090	343 327	50 837	35 356	5 152
Fattened on grain and concentrates ... farms	22 503	18 488	2 773	1 146	1 110	1 083	36	31	96
number	2 405 669	1 509 203	355 233	535 427	475 419	452 037	60 008	37 993	5 806
$1,000	1 643 176	1 021 359	242 981	374 939	333 074	316 861	41 866	26 610	3 898

See footnotes at end of table.

Table 49. **Summary by Type of Organization: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stock-holders	Total	10 or less stock-holders	
LIVESTOCK—Con.										
Hogs and pigs inventory	farms	36 670	30 494	4 372	1 711	1 582	1 552	129	121	93
	number	12 983 074	9 480 466	1 867 665	1 585 487	1 365 553	1 332 441	219 934	206 630	49 456
Farms with—										
1 to 24		3 530	3 199	279	44	37	35	7	7	8
25 to 49		2 560	2 252	264	40	34	34	6	6	4
50 to 99		4 220	3 717	440	54	52	52	2	2	9
100 to 199		6 766	5 884	727	139	132	128	7	7	16
200 to 499		11 269	9 445	1 355	438	422	413	16	16	31
500 or more		8 325	5 997	1 307	996	905	890	91	83	25
Used or to be used for breeding	farms	26 944	22 158	3 390	1 316	1 221	1 198	95	89	80
	number	1 657 873	1 192 031	239 239	218 780	171 460	168 224	47 320	44 498	7 823
Other	farms	35 152	29 166	4 215	1 683	1 557	1 528	126	118	88
	number	11 325 201	8 288 435	1 628 426	1 366 707	1 194 093	1 164 217	172 614	162 132	41 633
Hogs and pigs sold	farms	38 636	32 175	4 576	1 786	1 656	1 626	130	122	99
	number	23 483 812	16 808 320	3 279 086	3 301 696	2 597 536	2 543 343	704 160	688 552	94 710
	$1,000	2 494 231	1 801 644	354 150	329 505	284 029	277 654	45 476	42 329	8 932
Feeder pigs	farms	8 972	7 567	1 010	369	308	304	61	58	26
	number	4 460 979	2 977 855	514 164	934 995	450 631	447 442	484 364	466 162	33 965
	$1,000	209 249	141 635	24 237	41 826	21 841	21 683	19 985	19 199	1 560
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30	farms	28 037	23 122	3 486	1 346	1 245	1 220	101	95	83
	number	2 495 867	1 762 350	361 104	360 953	280 611	274 146	80 342	75 583	11 460
Dec. 1 and May 31	farms	26 110	21 428	3 298	1 304	1 205	1 180	99	93	80
	number	1 251 973	884 400	182 351	179 528	139 574	136 188	39 954	37 370	5 694
June 1 and Nov. 30	farms	25 992	21 353	3 255	1 305	1 210	1 188	95	90	79
	number	1 243 894	877 950	178 753	181 425	141 037	137 958	40 388	38 213	5 766
Sheep and lambs of all ages inventory	farms	8 636	7 615	764	221	214	214	7	7	36
	number	451 617	395 721	41 994	12 443	12 311	12 311	132	132	1 459
Ewes 1 year old or older	farms	8 089	7 133	715	208	203	203	5	5	33
	number	280 591	242 298	27 626	9 633	(D)	(D)	(D)	(D)	1 034
Sheep and lambs sold	farms	8 806	7 756	784	228	222	222	6	6	38
	number	607 492	551 799	43 568	10 925	10 821	10 821	104	104	1 200
Sheep and lambs shorn	farms	8 052	7 086	717	216	211	211	5	5	33
	number	542 200	484 495	42 754	13 785	13 724	13 724	61	61	1 166
	pounds of wool	2 881 639	2 530 238	273 765	69 133	68 774	68 774	359	359	8 503
Horses and ponies inventory	farms	11 647	10 338	915	352	334	327	18	17	42
	number	59 338	52 763	4 206	2 105	1 969	1 955	136	(D)	264
Horses and ponies sold	farms	2 453	2 217	160	70	62	62	8	8	6
	number	9 909	9 141	463	282	246	246	36	36	23
Goats inventory	farms	1 082	987	73	18	17	17	1	1	4
	number	7 387	6 514	658	138	(D)	(D)	(D)	(D)	77
Goats sold	farms	363	336	25	1	3	3	1	1	1
	number	3 198	2 996	142	(D)	(D)	(D)	(D)	(D)	(D)
POULTRY										
Chickens 3 months old or older inventory	farms	4 897	4 324	454	98	90	85	8	7	21
	number	9 380 666	4 171 986	714 673	3 842 072	3 217 419	2 994 169	624 653	(D)	651 935
Farms with—										
1 to 399		4 456	3 979	407	54	53	50	1	1	16
400 to 3,199		175	147	19	7	7	6	-	-	2
3,200 to 9,999		93	78	10	4	3	3	1	-	1
10,000 to 19,999		82	65	12	4	4	4	-	-	1
20,000 to 49,999		50	38	2	10	8	8	2	2	-
50,000 to 99,999		25	13	3	9	7	7	2	2	-
100,000 or more		16	4	1	10	8	7	2	2	1
Hens and pullets of laying age	farms	4 834	4 269	449	96	88	83	8	7	20
	number	8 212 576	3 483 799	633 753	3 423 989	(D)	(D)	(D)	(D)	671 035
Pullets 3 months old or older not of laying age	farms	487	432	42	10	8	8	2	2	3
	number	1 368 090	688 187	80 920	418 083	(D)	(D)	(D)	(D)	180 900
Hens and pullets sold	farms	888	756	67	56	47	45	9	8	9
	number	9 873 596	5 253 006	1 137 801	3 109 180	2 477 290	(D)	631 890	(D)	373 609
Broilers and other meat-type chickens sold	farms	1 060	936	96	21	18	16	3	3	7
	number	666 016	582 821	35 475	45 290	19 890	(D)	25 400	25 400	2 430
Farms with—										
1 to 1,999		1 021	905	92	17	15	13	2	2	7
2,000 to 59,999		38	30	4	4	3	3	1	1	-
60,000 to 99,999		-	-	-	-	-	-	-	-	-
100,000 or more		1	1	-	-	-	-	-	-	-
Turkey hens kept for breeding	farms	345	299	33	8	6	5	2	2	5
	number	71 889	21 601	19 808	30 469	(D)	13 119	(D)	(D)	11
Turkeys sold	farms	407	325	36	44	36	33	8	7	2
	number	9 594 632	3 521 666	(D)	4 982 036	3 277 653	2 453 619	1 704 383	(D)	(D)

See footnotes at end of table.

Table 49. **Summary by Type of Organization: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stockholders	Total	10 or less stockholders	
CROPS HARVESTED										
Corn for grain or seed	farms	83 301	70 134	9 059	3 739	3 575	3 501	164	148	369
	acres	10 147 051	7 895 205	1 221 806	997 348	970 348	948 306	26 998	24 830	32 694
	bushels	1 274 388 346	984 211 771	153 138 018	133 142 547	129 702 405	126 661 125	3 440 142	3 230 880	3 896 010
Irrigated	farms	453	348	48	54	52	49	2	1	3
	acres	62 099	42 673	8 465	10 840	(D)	10 011	(D)	(D)	121
Farms by acres harvested:										
1 to 24 acres		11 524	10 367	974	114	83	82	31	28	79
25 to 99 acres		35 088	30 183	4 045	682	624	608	58	48	178
100 to 249 acres		27 186	22 937	2 753	1 401	1 362	1 331	39	38	95
250 to 499 acres		7 726	5 670	978	1 069	1 045	1 033	24	24	11
500 acres or more		1 777	987	311	473	461	447	12	10	6
Corn for silage or green chop	farms	7 934	6 118	1 291	492	478	462	14	11	33
	acres	205 176	142 156	35 242	26 522	25 351	24 474	1 171	1 100	1 256
	tons, green	3 251 394	2 251 192	535 090	447 766	426 753	412 772	21 013	19 799	17 346
Irrigated	farms	7	6	-	1	1	1	-	-	-
	acres	110	(D)	-	(D)	(D)	(D)	-	-	-
Farms by acres harvested:										
1 to 24 acres		5 508	4 429	662	200	196	192	4	2	17
25 to 99 acres		2 112	1 509	372	219	212	203	7	6	12
100 to 249 acres		265	160	51	50	50	47	-	-	4
250 to 499 acres		41	17	2	22	19	19	3	3	-
500 acres or more		8	3	4	1	1	1	-	-	-
Sorghum for grain or seed	farms	108	70	19	16	13	13	3	-	3
	acres	4 376	2 306	430	1 632	1 570	1 570	62	-	8
	bushels	334 779	159 415	27 042	147 937	146 317	146 317	1 620	-	385
Irrigated	farms	-	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-	-
Wheat for grain	farms	1 345	1 080	159	96	92	90	4	3	10
	acres	31 047	23 455	4 367	3 113	3 063	(D)	50	(D)	112
	bushels	1 180 380	903 699	152 613	119 894	118 674	(D)	1 220	(D)	3 954
Irrigated	farms	2	2	-	-	-	-	-	-	-
	acres	(D)	(D)	-	-	-	-	-	-	-
Farms by acres harvested:										
1 to 24 acres		986	815	113	61	58	57	3	2	9
25 to 99 acres		307	236	38	30	29	28	1	1	1
100 to 249 acres		33	23	6	4	4	4	-	-	-
250 to 499 acres		5	3	1	1	1	1	-	-	-
500 acres or more		2	1	1	-	-	-	-	-	-
Barley for grain	farms	357	281	52	20	19	19	1	-	4
	acres	6 545	5 146	870	480	(D)	478	(D)	-	49
	bushels	358 125	277 826	51 210	27 699	(D)	27 559	(D)	-	1 390
Irrigated	farms	7	7	-	-	-	-	-	-	-
	acres	483	483	-	-	-	-	-	-	-
Oats for grain	farms	25 398	21 240	3 143	934	902	888	32	26	81
	acres	544 907	438 428	77 078	27 855	26 849	26 469	1 006	669	1 546
	bushels	30 918 660	24 709 191	4 408 975	1 722 980	1 670 660	1 649 330	52 320	43 322	77 514
Irrigated	farms	16	14	2	-	-	-	-	-	-
	acres	484	(D)	(D)	-	-	-	-	-	-
Farms by acres harvested:										
1 to 24 acres		18 021	15 426	1 981	548	530	522	18	17	66
25 to 99 acres		7 125	5 642	1 113	356	343	337	13	11	14
100 to 249 acres		238	166	45	26	25	25	1	-	1
250 to 499 acres		13	5	4	4	4	4	-	-	-
500 acres or more		1	1	-	-	-	-	-	-	-
Soybeans for beans	farms	68 278	57 521	7 135	3 339	3 209	3 144	130	115	283
	acres	7 903 395	6 293 773	874 959	711 352	691 506	677 963	19 846	17 398	23 311
	bushels	326 081 351	258 133 610	36 003 144	30 996 839	30 171 661	29 544 302	825 178	722 509	947 758
Irrigated	farms	221	169	33	16	15	14	1	-	3
	acres	20 304	14 500	3 103	2 667	(D)	2 535	(D)	-	34
Farms by acres harvested:										
1 to 24 acres		10 200	8 951	1 015	174	149	145	25	23	60
25 to 99 acres		28 626	24 455	3 217	800	747	731	53	45	154
100 to 249 acres		22 245	18 881	1 998	1 311	1 287	1 261	24	22	55
250 to 499 acres		6 197	4 665	696	805	785	771	20	19	11
500 acres or more		1 010	549	209	249	241	236	8	6	3
Irish potatoes	farms	104	84	9	8	6	6	2	1	3
	acres	1 998	668	95	1 233	(D)	1 232	(D)	(D)	11
	cwt	336 981	117 176	16 717	201 920	(D)	201 400	(D)	(D)	1 168
Irrigated	farms	20	14	2	3	3	3	-	-	1
	acres	1 158	530	(D)	550	550	550	-	-	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	48 271	41 012	5 430	1 641	1 578	1 540	63	57	188
	acres	1 968 207	1 567 151	288 449	105 017	101 052	98 154	3 965	3 318	7 590
	tons, dry	6 612 944	4 430 197	841 186	320 202	308 772	299 985	11 430	9 411	21 359
Irrigated	farms	45	38	4	2	2	2	-	-	1
	acres	1 216	1 071	73	(D)	(D)	(D)	-	-	(D)
Farms by acres harvested:										
1 to 24 acres		22 645	20 073	1 918	560	536	525	24	23	94
25 to 99 acres		21 233	17 702	2 701	753	727	708	26	24	77
100 to 249 acres		4 085	3 046	735	289	276	270	13	10	15
250 to 499 acres		278	175	70	32	32	30	-	-	1
500 acres or more		30	16	6	7	7	7	-	-	1
Alfalfa hay	farms	41 883	35 600	4 747	1 375	1 324	1 291	51	45	161
	acres	1 380 550	1 110 979	196 812	67 562	64 943	63 260	2 619	2 207	5 197
	tons, dry	4 444 233	3 538 162	650 809	238 625	230 151	224 646	8 474	6 708	16 637
Irrigated	farms	31	27	3	1	1	1	-	-	-
	acres	641	529	(D)	(D)	(D)	(D)	-	-	-

See footnotes at end of table.

Table 49. **Summary by Type of Organization: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item				Corporation					
					Family held		Other than family held		Other—cooperative, estate or trust, institutional, etc.
	Total	Individual or family	Partnership	Total	Total	10 or less stock-holders	Total	10 or less stock-holders	
CROPS HARVESTED—Con.									
Vegetables harvested for sale (see text) .... farms..	64	50	7	7	7	7	-	-	-
acres..	11	6	2	3	3	3	-	-	-
Irrigated .... farms..	2	1	-	-	-	-	-	-	1
acres..	80	71	6	3	3	3	-	-	-
Farms by acres harvested:									
0.1 to 4.9 acres	104	100	2	2	2	2	-	-	-
5.0 to 24.9 acres	13	13	-	-	-	-	-	-	-
25.0 to 99.9 acres	10	10	-	-	-	-	-	-	-
100.0 to 249.9 acres	30	27	1	2	2	2	-	-	-
250.0 acres or more	236	194	(D)	(D)	(D)	(D)	-	-	-
Land in orchards .... farms..	21	16	1	2	2	2	-	-	-
acres..	1	-	-	1	1	1	-	-	-
Irrigated .... farms..	-	-	-	-	-	-	-	-	-
acres..	456	408	32	15	13	13	2	2	3
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	2 486	1 906	217	356	(D)	336	(D)	(D)	7
5.0 to 24.9 acres	11 270 927	9 279 789	1 230 373	757 765	(D)	692 965	(D)	(D)	3 000
25.0 to 99.9 acres	77	70	5	2	1	1	1	1	-
100.0 to 249.9 acres	29	27	(D)	(D)	(D)	(D)	(D)	(D)	-
250.0 acres or more	16 726	16 473	(D)	(D)	(D)	(D)	(D)	(D)	-

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[1] Data are based on a sample of farms.

[2] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
				Age of operator (years)					
			Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS									
Farms	number	105 180	75 279	1 961	12 339	13 462	14 323	19 734	13 460
	percent	100.0	71.6	1.9	11.7	12.8	13.6	18.8	12.8
Land in farms	acres	31 638 130	27 958 679	426 187	4 306 858	6 018 101	6 432 386	7 507 188	3 267 959
Average size of farm	acres	301	371	217	349	447	449	380	243
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	105 180	75 279	1 961	12 339	13 462	14 323	19 734	13 460
	$1,000	8 926 799	8 083 173	121 372	1 366 841	1 822 916	1 957 385	2 139 377	675 262
Average per farm	dollars	84 872	107 376	61 893	110 774	135 412	136 660	108 411	50 170
Farms by value of sales:									
Less than $1,000 (see text)		3 782	787	21	56	109	91	152	358
$1,000 to $2,499		5 017	1 224	34	114	125	152	268	531
$2,500 to $4,999		5 498	1 894	61	179	162	207	399	866
$5,000 to $9,999		8 252	3 636	102	334	328	419	736	1 717
$10,000 to $19,999		12 427	7 155	298	858	756	802	1 707	2 734
$20,000 to $24,999		5 009	3 330	118	436	372	464	913	1 027
$25,000 to $39,999		11 756	8 537	344	1 252	1 136	1 332	2 494	1 979
$40,000 to $49,999		5 996	4 866	160	825	757	835	1 475	814
$50,000 to $99,999		20 656	18 377	490	3 529	3 314	3 739	5 412	1 893
$100,000 to $249,999		20 200	19 171	291	3 785	4 771	4 578	4 606	1 136
$250,000 to $499,999		4 957	4 784	34	780	1 284	1 284	1 132	270
$500,000 to $999,999		1 220	1 150	7	154	279	317	312	81
$1,000,000 or more		410	368	1	37	69	103	126	32
Grains	farms	81 042	63 701	1 537	10 529	11 761	12 446	17 220	10 208
	$1,000	3 563 323	3 242 673	54 130	540 860	745 293	756 456	849 361	296 572
Sales of $50,000 or more	farms	23 982	22 670	338	3 996	5 345	5 439	5 957	1 595
	$1,000	2 507 136	2 391 174	29 194	394 987	600 025	602 552	605 479	158 937
Corn for grain	farms	72 356	57 462	1 422	9 604	10 629	11 186	15 557	9 064
	$1,000	1 961 527	1 780 719	30 257	301 737	411 293	416 717	462 022	158 693
Wheat	farms	1 188	996	16	132	212	209	257	170
	$1,000	2 726	2 365	37	228	601	491	550	458
Soybeans	farms	68 166	55 407	1 326	9 184	10 383	10 939	15 222	8 353
	$1,000	1 573 168	1 436 200	23 379	234 848	328 672	334 359	380 635	134 306
Sorghum for grain	farms	57	45	1	7	13	8	10	6
	$1,000	477	444	(D)	(D)	86	123	86	123
Barley	farms	81	70	7	11	12	12	19	9
	$1,000	116	107	(D)	(D)	17	23	39	9
Oats	farms	11 842	10 276	206	1 743	1 996	2 072	2 695	1 564
	$1,000	19 604	17 712	333	2 919	3 754	3 696	4 651	2 359
Other grains	farms	677	572	14	110	119	130	134	65
	$1,000	5 705	5 126	116	1 091	870	1 048	1 378	624
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	12 947	9 627	184	1 709	1 878	1 813	2 329	1 714
	$1,000	46 480	39 522	660	6 684	9 456	8 255	9 117	5 350
Sales of $50,000 or more	farms	30	30	1	1	9	11	6	2
	$1,000	3 365	3 365	(D)	(D)	1 604	970	527	(D)
Vegetables, sweet corn, and melons	farms	596	357	8	49	87	67	83	63
	$1,000	7 541	5 583	(D)	(D)	1 551	1 122	1 261	455
Sales of $50,000 or more	farms	30	27	-	4	8	6	7	2
	$1,000	4 384	3 233	-	838	981	514	(D)	(D)
Fruits, nuts, and berries	farms	371	212	-	32	32	40	54	54
	$1,000	2 853	2 207	-	190	394	367	842	414
Sales of $50,000 or more	farms	13	12	-	1	2	1	6	2
	$1,000	1 390	(D)	-	(D)	(D)	(D)	705	(D)
Nursery and greenhouse crops	farms	357	161	-	19	41	39	26	36
	$1,000	38 241	26 160	-	1 534	5 835	3 682	10 835	3 075
Sales of $50,000 or more	farms	111	65	-	8	19	16	15	7
	$1,000	35 714	25 042	-	1 394	5 554	3 582	10 679	2 834
Other crops	farms	89	70	2	6	16	13	14	19
	$1,000	1 676	1 520	(D)	(D)	480	188	459	343
Sales of $50,000 or more	farms	7	6	-	-	2	1	2	1
	$1,000	1 259	(D)	-	-	(D)	(D)	(D)	(D)
Poultry and poultry products	farms	3 643	2 554	41	389	410	433	698	583
	$1,000	192 229	129 135	512	15 003	22 099	32 279	50 606	8 637
Sales of $50,000 or more	farms	426	316	5	44	60	67	109	31
	$1,000	186 495	124 479	494	14 162	21 334	31 475	49 294	7 72
Dairy products	farms	7 048	6 622	166	1 370	1 373	1 570	1 559	584
	$1,000	392 284	380 544	6 574	77 719	89 695	65 945	85 231	25 38
Sales of $50,000 or more	farms	3 165	3 106	46	687	724	781	680	18
	$1,000	294 998	289 525	3 629	59 017	71 336	74 940	63 165	17 23
Cattle and calves	farms	50 509	39 547	800	5 971	6 916	7 937	10 528	7 39
	$1,000	2 124 641	1 939 601	17 872	239 572	370 436	518 043	588 986	204 71
Sales of $50,000 or more	farms	7 178	6 763	71	943	1 354	1 742	1 960	68
	$1,000	1 590 392	1 486 460	9 850	172 652	287 886	425 129	462 543	128 40

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS							
Farms number	29 901	891	5 119	7 820	7 421	5 553	3 097
percent	28.4	.8	4.9	7.4	7.1	5.3	2.9
Land in farms acres	3 679 451	60 992	546 318	947 767	962 126	754 015	408 233
Average size of farm acres	123	68	107	121	130	136	132
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) farms	29 901	891	5 119	7 820	7 421	5 553	3 097
$1,000	843 626	18 108	160 884	221 670	212 579	152 388	77 996
Average per farm dollars	28 214	20 324	31 429	28 347	28 646	27 442	25 184
Farms by value of sales:							
Less than $1,000 (see text)	2 995	45	374	851	765	635	325
$1,000 to $2,499	3 793	135	530	954	1 017	708	449
$2,500 to $4,999	3 604	118	511	895	955	709	416
$5,000 to $9,999	4 616	137	720	1 125	1 135	936	563
$10,000 to $19,999	5 272	186	936	1 319	1 307	959	565
$20,000 to $24,999	1 679	46	340	460	397	296	140
$25,000 to $39,999	3 219	108	645	895	751	540	280
$40,000 to $49,999	1 130	30	287	327	255	155	76
$50,000 to $99,999	2 279	62	518	658	523	359	159
$100,000 to $249,999	1 029	23	220	268	240	187	91
$250,000 to $499,999	173	1	25	41	43	45	18
$500,000 to $999,999	70	-	9	17	20	14	10
$1,000,000 or more	42	-	4	10	13	10	5
Grains farms	17 341	442	2 959	4 489	4 371	3 346	1 734
$1,000	320 650	7 054	57 872	88 084	77 837	60 584	29 219
Sales of $50,000 or more farms	1 312	18	240	363	313	251	127
$1,000	115 961	1 524	18 499	32 266	26 845	24 194	10 635
Corn for grain farms	14 894	375	2 634	3 899	3 713	2 815	1 458
$1,000	180 809	4 021	33 178	49 223	43 605	35 184	15 598
Wheat farms	192	2	34	56	42	37	21
$1,000	361	(D)	(D)	80	74	81	(D)
Soybeans farms	12 759	325	2 283	3 331	3 146	2 408	1 266
$1,000	136 968	2 957	24 234	38 160	33 559	24 815	13 243
Sorghum for grain farms	12	1	-	4	2	3	2
$1,000	33	(D)	-	(D)	(D)	17	(D)
Barley farms	11	-	3	1	3	4	-
$1,000	9	-	(D)	(D)	(D)	3	-
Oats farms	1 586	42	293	453	353	285	140
$1,000	1 892	62	310	503	448	391	178
Other grains farms	105	1	17	26	31	14	16
$1,000	579	(D)	(D)	112	148	92	139
Cotton and cottonseed farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Tobacco farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds farms	3 320	58	519	906	850	626	361
$1,000	6 958	151	1 105	1 826	1 688	1 295	894
Sales of $50,000 or more farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Vegetables, sweet corn, and melons farms	239	2	34	59	64	49	31
$1,000	1 958	(D)	(D)	279	1 157	149	98
Sales of $50,000 or more farms	3	-	1	1	1	-	-
$1,000	1 151	-	(D)	(D)	(D)	-	-
Fruits, nuts, and berries farms	159	-	13	32	53	45	16
$1,000	645	-	72	194	171	183	26
Sales of $50,000 or more farms	1	-	-	-	1	-	-
$1,000	(D)	-	-	-	(D)	-	-
Nursery and greenhouse crops farms	196	2	25	60	54	31	24
$1,000	12 081	(D)	(D)	4 253	1 354	2 327	1 829
Sales of $50,000 or more farms	46	-	5	13	10	12	6
$1,000	10 672	-	2 089	3 836	1 025	2 114	1 608
Other crops farms	29	-	3	9	7	4	6
$1,000	158	-	23	10	96	20	9
Sales of $50,000 or more farms	1	-	-	-	1	-	-
$1,000	(D)	-	-	-	(D)	-	-
Poultry and poultry products farms	1 089	25	208	336	245	164	111
$1,000	63 094	456	5 090	14 182	29 765	9 903	3 696
Sales of $50,000 or more farms	110	5	20	19	31	23	12
$1,000	62 016	424	4 743	13 929	29 634	9 751	3 535
Dairy products farms	426	30	68	106	109	77	36
$1,000	11 740	433	1 743	2 458	3 073	3 040	992
Sales of $50,000 or more farms	59	2	9	12	12	19	5
$1,000	5 474	(D)	(D)	890	1 242	1 929	568
Cattle and calves farms	10 962	310	1 724	2 704	2 636	2 118	1 270
$1,000	185 040	3 110	33 371	47 141	41 448	35 518	24 452
Sales of $50,000 or more farms	415	11	51	110	98	96	49
$1,000	103 932	983	20 678	27 848	20 597	19 266	14 580

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs farms	38 636	31 856	961	6 626	6 859	6 856	7 635	2 919
$1,000	2 494 231	2 275 513	40 406	474 265	570 085	532 021	533 965	124 769
Sales of $50,000 or more farms	15 526	14 403	254	3 148	3 637	3 323	3 327	714
$1,000	2 058 777	1 915 313	27 403	398 781	499 416	456 293	443 191	90 226
Sheep, lambs, and wool farms	8 922	5 834	163	885	1 163	1 144	1 415	1 064
$1,000	46 157	29 553	1 040	8 608	4 516	6 384	8 017	2 987
Sales of $50,000 or more farms	77	65	3	20	8	21	9	4
$1,000	21 114	11 484	366	5 700	705	2 627	1 536	551
Other livestock and livestock products (see text) farms	3 417	1 647	32	230	394	337	338	316
$1,000	17 139	11 161	108	1 232	2 075	2 444	2 718	2 586
Sales of $50,000 or more farms	60	36	-	10	4	9	8	5
$1,000	8 848	6 631	-	782	1 165	1 301	1 789	1 794
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses farms	105 184	75 527	1 895	12 525	13 288	13 897	20 162	13 760
$1,000	6 647 645	5 945 971	83 330	956 813	1 332 385	1 460 428	1 595 318	517 697
Average per farm dollars	63 200	78 726	43 973	76 392	100 270	105 089	79 125	37 623
Livestock and poultry purchased farms	46 066	35 836	941	6 846	7 235	7 142	9 041	4 631
$1,000	1 358 161	1 214 269	13 150	177 680	246 765	323 017	355 636	98 021
Farms with expenses of—								
$1 to $4,999	20 895	14 345	450	2 699	2 775	2 617	3 323	2 481
$5,000 to $24,999	14 932	12 211	362	2 487	2 486	2 273	3 195	1 408
$25,000 to $99,999	7 811	6 992	118	1 341	1 498	1 610	1 860	565
$100,000 or more	2 428	2 288	11	319	476	642	663	177
Feed for livestock and poultry farms	64 752	49 308	1 087	8 698	9 635	9 817	12 731	7 340
$1,000	1 101 866	983 284	12 945	178 274	228 875	245 524	253 033	64 633
Farms with expenses of—								
$1 to $4,999	31 369	19 514	538	2 677	2 806	3 269	5 325	4 899
$5,000 to $24,999	22 076	19 127	412	3 878	4 108	3 928	4 941	1 860
$25,000 to $99,999	9 846	9 325	130	1 933	2 406	2 246	2 107	503
$100,000 or more	1 461	1 342	7	210	315	374	358	78
Commercially mixed formula feeds farms	33 282	26 013	567	5 082	5 450	5 484	6 428	3 002
$1,000	475 104	412 990	5 456	75 428	97 511	108 437	102 499	25 659
Farms with expenses of—								
$1 to $4,999	17 634	11 839	290	2 094	2 002	2 098	3 242	2 113
$5,000 to $24,999	11 352	10 183	239	2 235	2 385	2 326	2 334	664
$25,000 to $79,999	3 545	3 325	34	629	903	885	686	186
$80,000 or more	751	666	4	124	160	175	164	39
Seeds, bulbs, plants, and trees farms	88 807	59 103	1 660	11 481	12 486	13 177	18 843	11 456
$1,000	308 197	279 514	4 725	45 515	61 681	63 397	76 287	27 909
Farms with expenses of—								
$1 to $999	23 074	12 221	332	1 699	1 381	1 632	2 878	4 299
$1,000 to $4,999	45 976	37 986	1 081	6 633	6 467	6 867	11 160	5 778
$5,000 to $24,999	19 426	18 582	246	3 107	4 555	4 591	4 734	1 349
$25,000 or more	331	314	1	42	83	87	71	30
Commercial fertilizer farms	83 067	65 473	1 544	10 974	11 952	12 509	18 029	10 465
$1,000	467 355	426 825	6 573	67 492	96 374	99 935	115 956	40 496
Farms with expenses of—								
$1 to $4,999	51 929	36 408	1 082	6 155	5 363	5 741	10 098	7 969
$5,000 to $24,999	29 100	27 104	457	4 599	6 033	6 209	7 442	2 364
$25,000 to $49,999	1 788	1 721	5	194	492	486	428	116
$50,000 or more	250	240	-	26	64	73	61	16
Agricultural chemicals farms	86 631	67 286	1 636	11 185	12 164	12 782	18 324	11 195
$1,000	309 894	281 166	5 313	46 387	64 500	62 936	74 060	27 970
Farms with expenses of—								
$1 to $4,999	66 563	48 272	1 334	7 993	7 567	8 332	13 405	9 641
$5,000 to $24,999	19 490	18 456	294	3 111	4 445	4 313	4 780	1 513
$25,000 to $49,999	514	495	8	68	141	119	122	37
$50,000 or more	64	63	-	13	11	18	17	4
Petroleum products farms	100 939	73 941	1 828	12 271	13 049	13 666	19 837	13 290
$1,000	315 061	282 842	4 936	47 005	62 761	64 242	74 978	28 918
Farms with expenses of—								
$1 to $4,999	81 446	55 283	1 589	9 140	8 340	9 013	15 253	11 948
$5,000 to $24,999	19 169	18 359	237	3 099	4 640	4 571	4 495	1 317
$25,000 to $49,999	274	258	1	26	62	67	79	23
$50,000 or more	50	41	1	6	7	15	10	2
Gasoline and gasohol farms	87 982	64 803	1 438	10 474	11 692	12 135	17 524	11 540
$1,000	105 047	91 235	1 536	14 290	18 549	20 334	24 948	11 577
Diesel fuel farms	73 400	59 823	1 541	10 594	11 525	11 857	16 341	7 965
$1,000	136 878	126 030	2 262	21 085	29 061	28 740	33 625	11 257
Natural gas farms	5 064	4 158	94	896	770	673	1 059	666
$1,000	6 637	5 364	99	1 126	1 134	1 072	1 232	700
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms	86 862	68 493	1 607	11 561	12 537	13 021	18 809	10 958
$1,000	66 500	60 212	1 036	10 504	14 018	14 096	15 174	5 384

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs farms	6 782	295	1 734	1 958	1 528	880	387
$1,000	218 719	6 526	56 370	59 252	50 284	30 621	15 665
Sales of $50,000 or more farms	1 125	31	308	330	248	148	60
$1,000	143 464	3 119	35 411	37 663	34 513	21 113	11 646
Sheep, lambs, and wool farms	3 088	99	482	981	795	477	254
$1,000	16 604	300	1 645	2 424	4 042	7 672	521
Sales of $50,000 or more farms	12	-	3	2	4	3	-
$1,000	9 630	-	(D)	(D)	2 241	6 648	-
Other livestock and livestock products (see text) farms	1 770	29	278	612	477	246	128
$1,000	5 978	48	1 030	1 568	1 663	1 075	594
Sales of $50,000 or more farms	24	-	6	4	8	5	1
$1,000	2 017	-	399	337	598	(D)	(D)
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses farms	29 657	780	4 949	7 752	7 205	5 715	3 256
$1,000	701 673	10 897	126 103	191 172	180 058	130 906	62 539
Average per farm dollars	23 660	13 970	25 481	24 661	24 991	22 906	19 207
Livestock and poultry purchased farms	10 230	242	2 096	2 862	2 557	1 699	774
$1,000	143 892	1 788	32 637	38 068	29 537	27 897	13 965
Farms with expenses of—							
$1 to $4,999	6 550	130	1 235	1 783	1 802	1 089	511
$5,000 to $24,999	2 721	111	639	801	547	425	198
$25,000 to $99,999	819	1	210	249	176	145	38
$100,000 or more	140	-	12	29	32	40	27
Feed for livestock and poultry farms	15 444	408	2 899	4 374	3 765	2 815	1 183
$1,000	118 582	1 913	24 376	34 646	29 729	19 947	7 970
Farms with expenses of—							
$1 to $4,999	11 855	272	2 021	3 336	3 018	2 230	978
$5,000 to $24,999	2 949	127	694	880	617	486	145
$25,000 to $99,999	521	9	166	131	93	76	46
$100,000 or more	119	-	18	27	37	23	14
Commercially mixed formula feeds farms	7 269	208	1 527	2 057	1 721	1 269	487
$1,000	62 114	531	10 772	18 705	17 498	11 471	3 138
Farms with expenses of—							
$1 to $4,999	5 795	168	1 122	1 577	1 442	1 042	444
$5,000 to $24,999	1 169	40	304	412	209	183	21
$25,000 to $79,999	220	-	89	51	43	23	14
$80,000 or more	85	-	12	17	27	21	8
Seeds, bulbs, plants, and trees farms	19 704	447	3 016	5 163	4 962	3 999	2 117
$1,000	28 683	531	4 728	7 717	7 378	5 714	2 615
Farms with expenses of—							
$1 to $999	10 853	278	1 425	2 693	2 562	2 410	1 485
$1,000 to $4,999	7 990	159	1 455	2 216	2 210	1 424	526
$5,000 to $24,999	844	10	135	249	185	161	104
$25,000 or more	17	-	1	5	5	4	2
Commercial fertilizer farms	17 594	359	2 776	4 665	4 457	3 670	1 667
$1,000	40 530	661	5 284	10 655	10 584	8 527	3 789
Farms with expenses of—							
$1 to $4,999	15 521	327	2 458	4 092	3 935	3 233	1 476
$5,000 to $24,999	1 996	32	317	554	502	417	174
$25,000 to $49,999	67	-	1	19	18	15	14
$50,000 or more	10	-	-	-	2	5	3
Agricultural chemicals farms	19 345	461	3 177	5 142	4 895	3 776	1 894
$1,000	28 728	515	5 003	7 889	7 706	5 035	2 580
Farms with expenses of—							
$1 to $4,999	18 291	453	2 961	4 840	4 640	3 621	1 776
$5,000 to $24,999	1 034	8	214	298	247	150	117
$25,000 to $49,999	19	-	2	4	7	5	1
$50,000 or more	1	-	-	-	1	-	-
Petroleum products farms	26 998	734	4 572	7 013	6 578	5 299	2 802
$1,000	32 220	702	5 668	8 686	7 975	6 264	2 925
Farms with expenses of—							
$1 to $4,999	26 163	724	4 430	6 793	6 357	5 128	2 731
$5,000 to $24,999	810	10	139	214	214	165	68
$25,000 to $49,999	16	-	1	4	6	3	2
$50,000 or more	9	-	2	2	1	3	1
Gasoline and gasohol farms	23 179	599	3 898	6 104	5 597	4 531	2 450
$1,000	13 812	268	2 350	3 643	3 390	2 774	1 386
Diesel fuel farms	13 577	374	2 503	3 538	3 416	2 532	1 214
$1,000	10 847	222	1 950	2 881	2 792	2 144	858
Natural gas farms	906	23	210	173	246	177	77
$1,000	1 273	6	167	531	230	291	48
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms	18 369	440	3 135	4 812	4 676	3 534	1 772
$1,000	6 287	206	1 201	1 632	1 563	1 055	631

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity .... farms..	90 255	68 023	1 368	10 995	12 336	12 908	18 690	11 724
$1,000..	126 591	111 253	1 411	18 234	24 426	25 959	29 449	11 775
Farms with expenses of—								
$1 to $999	47 918	29 727	870	4 593	3 729	4 290	8 369	7 876
$1,000 to $4,999	39 358	35 477	478	5 973	7 927	7 828	9 625	3 646
$5,000 to $24,999	2 896	2 747	20	421	668	776	669	193
$25,000 or more	83	72	-	8	14	14	27	9
Hired farm labor .... farms..	49 121	39 964	688	6 823	7 957	8 244	10 621	5 631
$1,000..	282 515	258 261	2 357	32 921	59 984	66 026	73 494	23 480
Farms with expenses of—								
$1 to $4,999	37 600	29 130	581	5 310	5 425	5 393	7 724	4 697
$5,000 to $24,999	8 880	8 372	89	1 212	1 943	2 198	2 188	742
$25,000 to $99,999	2 443	2 293	15	283	549	615	656	175
$100,000 or more	198	169	3	18	40	38	53	17
Contract labor .... farms..	8 078	5 971	110	1 126	1 280	1 203	1 496	756
$1,000..	21 032	16 735	159	3 355	3 936	3 518	3 852	1 915
Farms with expenses of—								
$1 to $999	3 846	2 489	67	450	463	543	608	358
$1,000 to $4,999	3 123	2 546	31	455	615	471	672	302
$5,000 to $24,999	1 032	885	12	215	187	175	205	91
$25,000 or more	77	51	-	6	15	14	11	5
Repair and maintenance .... farms..	91 920	68 781	1 570	11 508	12 392	12 935	18 628	11 748
$1,000..	407 270	364 764	4 631	58 729	81 491	85 625	99 281	37 008
Farms with expenses of—								
$1 to $4,999	63 247	41 966	1 270	7 105	6 114	6 609	11 385	9 483
$5,000 to $24,999	27 602	25 793	296	4 292	5 987	6 035	6 982	2 201
$25,000 to $49,999	905	866	3	97	258	244	213	51
$50,000 or more	166	156	1	14	33	47	48	13
Customwork, machine hire, and rental of machinery and equipment .... farms..	57 354	43 463	908	6 887	7 989	8 609	11 642	7 428
$1,000..	133 395	108 166	2 054	16 787	21 446	23 677	28 030	16 172
Farms with expenses of—								
$1 to $999	25 122	16 978	463	2 674	2 863	3 178	4 388	3 392
$1,000 to $4,999	25 700	21 065	326	3 296	3 941	4 281	5 928	3 293
$5,000 to $24,999	6 238	5 190	109	891	1 130	1 075	1 275	710
$25,000 or more	294	230	10	26	35	75	51	33
Interest expense .... farms..	67 262	51 114	1 076	9 021	10 673	10 819	13 434	6 091
$1,000..	579 338	512 510	3 965	64 560	119 876	143 636	136 707	41 766
Farms with expenses of—								
$1 to $4,999	37 493	25 230	835	5 082	4 326	4 197	6 751	4 039
$5,000 to $24,999	24 442	20 798	233	3 461	5 120	4 984	5 284	1 716
$25,000 to $99,999	5 121	4 867	8	467	1 200	1 569	1 330	313
$100,000 or more	206	199	-	11	27	69	69	23
Secured by real estate .... farms..	44 371	33 184	379	4 213	6 757	8 235	9 619	3 981
$1,000..	390 226	342 044	1 981	34 287	74 691	102 650	98 123	30 311
Farms with expenses of—								
$1 to $999	6 684	4 151	94	420	509	700	1 450	978
$1,000 to $4,999	16 369	10 517	152	1 560	1 930	2 355	3 096	1 424
$5,000 to $24,999	17 889	15 239	128	1 993	3 635	4 062	4 082	1 339
$25,000 or more	3 429	3 277	5	240	683	1 118	991	240
Not secured by real estate .... farms..	41 206	32 449	845	6 942	7 471	6 421	7 560	3 210
$1,000..	169 113	170 466	1 984	30 273	45 185	40 986	40 583	11 455
Farms with expenses of—								
$1 to $999	13 476	9 162	376	1 912	1 528	1 466	2 289	1 571
$1,000 to $4,999	16 664	13 064	346	3 158	3 080	2 472	3 002	1 006
$5,000 to $24,999	10 034	9 231	122	1 726	2 600	2 179	2 040	564
$25,000 or more	1 034	992	1	146	263	284	229	69
Cash rent .... farms..	41 375	34 874	1 180	7 833	8 135	7 052	7 931	2 743
$1,000..	492 800	456 078	13 971	109 389	124 952	97 055	87 727	22 984
Farms with expenses of—								
$1 to $4,999	15 835	11 792	410	2 380	2 192	2 211	3 063	1 536
$5,000 to $9,999	8 684	7 271	236	1 664	1 532	1 511	1 877	451
$10,000 to $24,999	11 593	10 741	433	2 511	2 908	2 193	2 152	544
$25,000 or more	5 263	5 070	101	1 278	1 503	1 137	839	212
Property taxes .... farms..	87 431	62 399	767	7 501	10 376	12 520	18 481	12 754
$1,000..	230 810	195 464	1 060	14 875	30 198	47 700	66 513	35 118
Farms with expenses of—								
$1 to $4,999	75 206	51 178	731	6 828	8 741	9 409	14 381	11 068
$5,000 to $9,999	9 596	8 815	31	559	1 301	2 420	3 254	1 250
$10,000 to $24,999	2 474	2 264	5	109	306	651	798	395
$25,000 or more	155	142	-	5	28	40	48	21
All other farm production expenses .... farms..	101 919	74 578	1 818	12 300	13 183	13 845	20 006	13 426
$1,000..	513 358	454 839	6 080	77 610	105 121	108 183	118 315	39 531
Farms with expenses of—								
$1 to $4,999	73 591	48 292	1 473	7 413	6 856	7 518	13 432	11 600
$5,000 to $24,999	25 444	23 563	327	4 461	5 558	5 598	5 935	1 684
$25,000 to $49,999	2 166	2 080	16	331	593	539	475	106
$50,000 or more	718	663	2	95	176	190	164	36

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
	Total	Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity farms	22 232	446	3 566	6 050	5 503	4 400	2 267
$1,000	15 336	240	2 393	3 955	4 432	3 019	1 298
Farms with expenses of—							
$1 to $999	18 191	393	2 830	4 975	4 481	3 538	1 974
$1,000 to $4,999	3 881	53	721	1 040	974	821	272
$5,000 to $24,999	149	-	15	33	41	40	20
$25,000 or more	11	-	-	2	7	1	1
Hired farm labor farms	9 157	165	1 682	2 475	2 461	1 568	806
$1,000	24 254	151	3 014	5 836	7 659	4 562	3 031
Farms with expenses of—							
$1 to $4,999	8 470	163	1 609	2 303	2 241	1 432	722
$5,000 to $24,999	508	-	52	141	166	92	57
$25,000 to $99,399	150	2	16	25	45	38	24
$100,000 or more	29	-	5	6	9	6	3
Contract labor farms	2 107	15	218	517	590	514	253
$1,000	4 297	9	403	779	1 464	783	859
Farms with expenses of—							
$1 to $999	1 357	8	129	320	406	384	130
$1,000 to $4,999	577	7	73	170	130	107	90
$5,000 to $24,999	147	-	15	24	41	41	26
$25,000 or more	26	-	1	3	13	2	7
Repair and maintenance farms	23 139	514	3 863	6 392	5 658	4 462	2 250
$1,000	42 506	491	7 212	11 598	11 432	7 987	3 787
Farms with expenses of—							
$1 to $4,999	21 281	512	3 518	5 888	5 112	4 158	2 083
$5,000 to $24,999	1 809	2	336	486	528	292	163
$25,000 to $49,999	39	-	7	5	14	11	2
$50,000 or more	10	-	-	3	4	1	2
Customwork, machine hire, and rental of machinery and equipment farms	13 891	313	2 152	3 651	3 587	2 915	1 273
$1,000	25 230	392	3 475	5 753	7 007	5 593	3 010
Farms with expenses of—							
$1 to $999	8 144	185	1 264	2 209	2 086	1 638	762
$1,000 to $4,999	4 635	109	733	1 202	1 180	1 022	389
$5,000 to $24,999	1 048	19	150	234	307	237	101
$25,000 or more	64	-	5	6	14	18	21
Interest expense farms	16 148	354	3 008	4 645	4 380	2 737	1 024
$1,000	66 828	596	9 356	20 284	20 319	11 510	4 762
Farms with expenses of—							
$1 to $4,999	12 263	331	2 474	3 389	3 177	2 114	778
$5,000 to $24,999	3 644	23	519	1 177	1 123	574	228
$25,000 to $99,999	234	-	15	78	77	47	17
$100,000 or more	7	-	-	1	3	2	1
Secured by real estate farms	11 187	101	1 655	3 343	3 352	2 051	685
$1,000	48 181	256	6 034	14 696	15 115	8 646	3 434
Farms with expenses of—							
$1 to $999	2 533	24	307	703	714	564	221
$1,000 to $4,999	5 852	71	1 006	1 716	1 747	1 013	290
$5,000 to $24,999	2 650	6	332	864	852	444	152
$25,000 or more	152	-	10	60	39	30	13
Not secured by real estate farms	8 759	265	1 897	2 466	2 281	1 353	497
$1,000	18 647	340	3 324	5 586	5 203	2 863	1 328
Farms with expenses of—							
$1 to $999	4 314	136	974	1 173	1 078	685	268
$1,000 to $4,999	3 600	120	786	1 014	953	556	171
$5,000 to $24,999	803	9	132	265	240	103	54
$25,000 or more	42	-	5	14	10	9	4
Cash rent farms	6 501	354	1 651	1 998	1 329	855	314
$1,000	36 722	1 818	9 187	11 616	7 442	5 140	1 519
Farms with expenses of—							
$1 to $4,999	4 043	233	1 012	1 186	826	562	224
$5,000 to $9,999	1 413	83	369	482	296	139	44
$10,000 to $24,999	852	30	216	268	163	134	41
$25,000 or more	193	8	54	62	44	20	5
Property taxes farms	25 032	360	3 440	6 438	6 579	5 319	2 896
$1,000	35 346	245	3 121	7 926	10 117	8 939	4 997
Farms with expenses of—							
$1 to $4,999	24 028	359	3 360	6 254	6 332	5 036	2 687
$5,000 to $9,999	781	1	62	157	177	213	171
$10,000 to $24,999	210	-	18	25	64	66	35
$25,000 or more	13	-	-	2	6	2	3
All other farm production expenses farms	27 341	702	4 601	7 133	6 715	5 270	2 920
$1,000	58 519	824	9 244	15 762	17 267	9 989	5 432
Farms with expenses of—							
$1 to $4,999	25 299	677	4 215	6 550	6 127	4 956	2 774
$5,000 to $24,999	1 881	25	365	543	542	275	131
$25,000 to $49,999	106	-	16	21	35	25	9
$50,000 or more	55	-	5	19	11	14	6

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
				Age of operator (years)					
			Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]									
All farms	number	105 184	75 527	1 895	12 525	13 288	13 897	20 162	13 760
	$1,000	2 146 907	2 029 891	33 817	405 042	472 658	442 548	512 203	163 623
Average per farm	dollars	20 412	26 876	17 845	32 339	35 570	31 845	25 404	11 891
Farms with net gains[2]	number	74 987	59 795	1 502	10 452	10 968	11 209	15 831	9 833
Average net gain	dollars	31 660	36 545	24 815	40 742	45 636	42 573	35 226	18 984
Gain of—									
Less than $1,000		4 767	2 262	54	322	331	315	492	748
$1,000 to $9,999		22 906	15 001	478	2 016	2 007	2 183	3 866	4 451
$10,000 to $49,999		33 147	28 945	782	5 225	5 173	5 639	8 365	3 761
$50,000 or more		14 167	13 587	188	2 889	3 457	3 072	3 108	873
Farms with net losses	number	30 197	15 732	393	2 073	2 320	2 688	4 331	3 927
Average net loss	dollars	7 521	9 872	8 793	10 030	12 017	12 893	10 496	5 870
Loss of—									
Less than $1,000		4 943	2 165	44	284	292	289	475	781
$1,000 to $9,999		18 984	8 914	215	1 177	1 102	1 375	2 476	2 569
$10,000 to $49,999		5 889	4 296	132	563	857	917	1 285	542
$50,000 or more		381	357	2	49	69	107	95	35
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments	farms	75 203	60 425	1 433	10 240	11 414	11 973	16 425	8 940
	$1,000	1 153 713	1 036 728	14 769	158 657	228 747	248 983	290 428	95 145
Other farm-related income[1]	farms	30 370	24 557	605	4 238	4 966	4 683	6 248	3 817
	$1,000	132 008	108 399	1 759	17 115	20 893	22 532	27 394	18 706
Customwork and other agricultural services	farms	15 001	13 140	435	2 891	3 211	2 906	2 860	835
	$1,000	61 977	57 448	1 305	13 554	15 051	12 418	11 375	3 744
Gross cash rent or share payments	farms	8 633	5 552	34	415	660	865	1 706	1 872
	$1,000	58 000	40 363	325	2 193	3 739	7 412	12 920	13 774
Forest products and Christmas trees	farms	710	487	-	41	68	83	162	133
	$1,000	1 876	1 313	-	148	102	295	415	353
Other farm-related income sources	farms	11 908	10 427	190	1 550	2 066	2 247	2 936	1 438
	$1,000	10 156	9 274	129	1 220	2 000	2 406	2 684	834
COMMODITY CREDIT CORPORATION LOANS									
Total	farms	51 178	43 224	1 086	8 070	8 878	8 893	11 670	4 627
	$1,000	1 598 775	1 477 868	23 181	247 379	349 981	358 991	392 825	105 511
Corn	farms	50 551	42 773	1 074	7 994	8 789	8 804	11 560	4 552
	$1,000	1 298 123	1 199 155	19 088	201 004	260 824	290 142	322 369	85 728
Wheat	farms	61	50	1	10	15	9	9	6
	$1,000	127	92	(D)	(D)	12	19	11	10
Soybeans	farms	14 094	12 302	262	2 426	2 836	2 687	3 059	1 032
	$1,000	298 747	277 737	4 014	46 241	68 958	68 774	70 341	19 409
Sorghum, barley, and oats	farms	86	82	-	13	18	10	24	17
	$1,000	190	151	-	15	29	18	30	59
Cotton	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	70	30	2	3	8	4	6	7
	$1,000	1 587	733	(D)	(D)	159	38	74	305
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	96 749	71 620	1 695	11 519	12 949	13 816	19 091	12 550
	acres	27 290 868	24 403 812	384 157	3 872 342	5 338 592	5 615 990	6 520 137	2 672 594
Harvested cropland	farms	92 878	70 196	1 660	11 378	12 806	13 621	18 790	11 941
	acres	20 484 178	18 570 853	298 085	2 995 323	4 131 581	4 318 683	4 929 749	1 897 432
Farms by acres harvested:									
1 to 49 acres		17 548	6 497	198	708	717	805	1 427	2 642
50 to 99 acres		13 956	8 981	318	1 291	1 096	1 215	2 203	2 856
100 to 199 acres		23 454	18 942	602	3 278	2 988	3 166	5 376	3 532
200 to 499 acres		29 005	27 136	475	4 899	5 657	6 074	7 676	2 355
500 to 999 acres		7 723	7 488	63	1 057	2 035	2 022	1 838	473
1,000 to 1,999 acres		1 114	1 079	4	135	295	320	249	76
2,000 acres or more		78	73	-	10	16	19	21	7
Cropland:									
Pasture or grazing only	farms	36 766	28 356	510	3 966	5 066	5 686	7 835	5 293
	acres	2 283 547	1 935 029	26 373	258 315	363 703	408 332	541 453	336 853
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	27 088	20 934	392	3 122	3 754	3 951	6 157	3 558
	acres	1 670 711	1 404 005	18 607	207 994	277 426	302 566	416 028	181 384
On which all crops failed	farms	1 640	1 125	17	146	215	239	273	235
	acres	45 013	35 426	280	4 405	7 909	8 467	8 188	6 177
In cultivated summer fallow	farms	844	640	12	82	108	118	175	145
	acres	45 160	38 963	519	4 673	6 404	8 420	10 578	8 369
Idle	farms	42 114	33 996	830	5 889	6 683	6 968	8 911	4 715
	acres	2 762 259	2 419 536	40 293	401 632	551 569	569 522	614 141	242 379
Total woodland	farms	24 782	17 470	280	2 235	3 167	3 512	4 766	3 510
	acres	1 316 448	1 031 132	10 901	125 165	197 601	234 620	276 378	186 467
Woodland pastured	farms	14 393	10 545	154	1 317	1 886	2 197	2 837	2 154
	acres	774 976	632 020	6 856	73 652	116 889	144 156	173 275	117 192
Woodland not pastured	farms	14 477	10 074	157	1 345	1 841	1 994	2 777	1 960
	acres	541 472	399 112	4 045	51 513	80 712	90 464	103 103	69 275

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]								
All farms	number	29 657	780	4 949	7 752	7 205	5 715	3 256
	$1,000	117 105	4 398	27 377	29 228	21 921	21 697	12 485
Average per farm	dollars	3 949	5 639	5 532	3 770	3 042	3 796	3 835
Farms with net gains[2]	number	15 192	515	2 879	3 859	3 172	2 929	1 838
Average net gain	dollars	12 435	10 135	12 746	13 413	13 678	11 615	9 699
Gain of—								
Less than $1,000		2 505	105	427	624	524	469	356
$1,000 to $9,999		7 905	275	1 453	1 782	1 750	1 649	996
$10,000 to $49,999		4 202	118	896	1 263	772	687	446
$50,000 or more		580	17	103	170	126	124	40
Farms with net losses	number	14 465	285	2 070	3 893	4 033	2 786	1 418
Average net loss	dollars	4 964	3 099	4 502	5 788	5 323	4 423	3 766
Loss of—								
Less than $1,000		2 778	104	438	694	747	440	355
$1,000 to $9,999		10 070	154	1 385	2 705	2 765	2 096	963
$10,000 to $49,999		1 593	7	247	489	510	243	97
$50,000 or more		24	-	-	5	11	5	3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments	farms	14 778	351	2 574	3 891	3 653	2 848	1 461
	$1,000	116 985	1 985	18 216	30 742	31 153	24 004	10 885
Other farm-related income[1]	farms	5 813	118	886	1 358	1 335	1 429	687
	$1,000	23 610	266	2 350	4 321	5 597	6 023	5 053
Customwork and other agricultural services	farms	1 861	103	449	496	381	340	92
	$1,000	4 529	146	1 056	1 256	1 105	688	276
Gross cash rent or share payments	farms	3 061	22	318	622	748	818	553
	$1,000	17 637	117	1 168	2 624	4 145	4 872	4 710
Forest products and Christmas trees	farms	223	-	11	78	46	88	-
	$1,000	563	-	20	141	115	286	-
Other farm-related income sources	farms	1 481	14	240	360	327	395	145
	$1,000	881	3	106	297	231	176	67
COMMODITY CREDIT CORPORATION LOANS								
Total	farms	7 954	221	1 650	2 224	1 895	1 379	585
	$1,000	120 907	2 641	23 324	33 852	29 444	22 077	9 569
Corn	farms	7 778	219	1 615	2 173	1 858	1 349	564
	$1,000	98 968	2 272	16 782	27 450	23 967	18 705	7 772
Wheat	farms	11	-	2	5	1	3	-
	$1,000	35	-	(D)	4	(D)	(D)	-
Soybeans	farms	1 792	47	416	499	416	295	119
	$1,000	21 010	369	4 262	6 314	5 154	3 222	1 689
Sorghum, barley, and oats	farms	4	-	-	1	-	2	1
	$1,000	40	-	-	(D)	-	(D)	(D)
Cotton	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	40	-	7	10	11	6	6
	$1,000	654	-	(D)	(D)	(D)	85	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	25 129	573	3 977	6 632	6 435	4 922	2 590
	acres	2 867 056	52 733	457 918	756 348	736 339	577 237	305 481
Harvested cropland	farms	22 682	526	3 639	5 957	5 859	4 400	2 301
	acres	1 913 325	39 533	325 982	510 161	477 683	366 684	193 282
Farms by acres harvested:								
1 to 49 acres		11 051	248	1 523	2 886	2 977	2 268	1 149
50 to 99 acres		4 975	133	853	1 241	1 278	962	508
100 to 199 acres		4 512	114	891	1 252	1 084	755	416
200 to 499 acres		1 869	28	335	513	446	349	198
500 to 999 acres		235	3	34	50	63	58	27
1,000 to 1,999 acres		35	-	3	13	9	7	3
2,000 acres or more		5	-	-	2	2	1	-
Cropland:								
Pasture or grazing only	farms	8 410	130	1 177	2 235	2 294	1 737	837
	acres	348 518	3 997	41 499	84 658	90 704	81 429	46 231
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	6 154	109	906	1 625	1 608	1 291	615
	acres	266 706	3 329	34 904	69 846	69 466	60 950	28 211
On which all crops failed	farms	515	7	80	135	122	107	64
	acres	9 567	37	1 482	2 442	2 202	2 075	1 349
In cultivated summer fallow	farms	204	4	31	39	44	46	40
	acres	6 197	96	772	1 435	1 259	1 393	1 242
Idle	farms	8 118	193	1 416	2 150	2 052	1 511	796
	acres	342 723	5 741	53 279	87 806	95 025	64 706	36 166
Total woodland	farms	7 312	79	866	1 889	2 116	1 573	789
	acres	285 316	1 842	29 335	66 654	87 740	65 473	34 272
Woodland pastured	farms	3 848	37	466	963	1 153	818	411
	acres	142 956	1 216	15 200	31 163	47 568	32 114	15 695
Woodland not pastured	farms	4 403	47	499	1 174	1 255	952	476
	acres	142 360	626	14 135	35 491	40 172	33 359	18 577

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming: Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
			Age of operator (years)					
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ..... farms	22 415	16 403	259	2 089	2 874	3 280	4 688	3 213
acres	1 452 248	1 189 229	14 965	139 618	214 090	267 477	330 465	222 594
Land in house lots, ponds, roads, wasteland, etc. ..... farms	79 586	57 766	1 200	8 178	10 178	11 553	16 062	10 595
acres	1 578 566	1 334 506	16 144	169 733	267 818	314 299	380 208	186 304
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ..... farms	69 141	57 007	1 332	9 771	10 994	11 504	15 625	7 781
acres	3 560 902	3 228 217	53 132	545 950	743 569	749 965	853 177	282 404
Conservation reserve program ..... farms	8 050	5 612	69	743	987	1 191	1 663	959
acres	697 896	505 505	4 528	61 161	82 330	119 547	156 698	81 241
Value of land and buildings[1] ..... farms	105 184	75 527	1 895	12 525	13 288	13 897	20 162	13 760
$1,000	29 829 901	26 203 435	407 363	4 177 659	5 798 723	5 864 472	6 951 925	3 003 293
Average per farm ..... dollars	283 597	346 941	214 967	333 546	436 388	421 996	344 803	218 263
Average per acre ..... dollars	947	941	932	955	962	946	925	907
Farms by value group:								
$1 to $39,999	13 227	5 413	272	920	563	676	1 177	1 805
$40,000 to $69,999	11 020	5 045	242	655	538	560	1 080	1 990
$70,000 to $99,999	9 152	4 932	154	727	526	738	1 151	1 634
$100,000 to $149,999	12 468	8 263	231	1 427	991	1 288	2 296	2 050
$150,000 to $199,999	9 769	7 305	223	1 063	1 067	1 229	2 133	1 590
$200,000 to $499,999	31 637	27 499	577	5 098	5 322	5 155	8 028	3 319
$500,000 to $999,999	14 045	13 360	175	2 151	3 269	3 243	3 446	1 076
$1,000,000 to $1,999,999	3 466	3 310	21	440	916	901	773	259
$2,000,000 to $4,999,999	380	363	-	44	90	100	96	33
$5,000,000 or more	20	17	-	-	4	7	2	4
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms	104 901	75 458	1 895	12 525	13 281	13 888	20 139	13 730
$1,000	5 543 375	4 863 996	74 609	762 513	1 020 623	1 093 931	1 334 451	577 869
Farms by value group:								
$1 to $4,999	6 659	2 325	126	225	293	185	472	1 024
$5,000 to $9,999	12 872	5 158	247	642	469	650	1 231	1 919
$10,000 to $19,999	15 609	9 277	380	1 519	1 121	1 256	2 377	2 624
$20,000 to $49,999	26 782	21 389	551	4 112	3 454	3 606	5 497	4 169
$50,000 to $99,999	22 911	20 208	380	3 571	4 062	4 005	5 894	2 298
$100,000 to $199,999	14 193	13 404	202	2 009	3 006	3 121	3 705	1 361
$200,000 to $499,999	3 763	3 591	9	436	851	1 030	932	333
$500,000 or more	112	106	-	11	25	35	31	4
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms	93 674	69 282	1 606	11 628	12 450	13 048	18 686	11 864
number	143 433	110 834	2 273	17 579	21 443	22 173	30 173	17 193
Wheel tractors ..... farms	97 120	71 082	1 601	11 552	12 686	13 387	19 172	12 684
number	302 392	242 177	4 217	34 044	44 507	50 411	69 573	39 425
Less than 40 horsepower (PTO) ..... farms	48 200	33 815	593	4 717	5 625	6 654	9 481	6 745
number	79 062	57 131	879	7 466	8 898	10 986	16 786	12 116
40 horsepower (PTO) or more ..... farms	85 755	65 760	1 484	10 944	12 151	12 676	17 868	10 637
number	223 330	185 046	3 338	26 578	35 609	39 425	52 787	27 309
Grain and bean combines ..... farms	55 575	47 147	801	7 039	9 196	9 901	13 685	6 525
number	60 004	51 016	813	7 776	9 823	10 704	14 884	7 016
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	29 756	23 964	429	3 748	4 299	5 179	6 573	3 736
number	31 333	25 251	463	3 920	4 513	5 493	6 935	3 927
Pickup balers ..... farms	40 640	32 810	557	4 571	5 669	6 678	9 690	5 645
number	46 867	38 175	608	5 273	6 576	7 875	11 375	6 468
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms	83 051	65 457	1 544	10 974	11 952	12 503	18 019	10 465
acres on which used	13 313 702	12 060 924	205 299	2 038 474	2 755 282	2 694 221	3 157 165	1 210 483
Lime ..... farms	17 823	14 832	267	2 541	2 863	3 005	4 123	2 033
acres on which used	1 219 181	1 070 088	14 676	171 749	235 340	235 514	293 763	119 046
tons	2 846 408	2 483 892	35 201	378 773	549 120	554 446	687 583	278 769
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms	41 361	33 695	888	6 149	6 825	6 892	8 433	4 508
acres on which used	4 910 343	4 448 841	75 814	733 001	1 032 328	1 057 933	1 105 786	443 979
Nematodes in crops ..... farms	2 548	2 012	76	446	437	274	519	260
acres on which used	267 277	231 448	7 695	39 440	54 113	45 511	63 124	21 565
Diseases in crops and orchards ..... farms	1 330	865	15	156	154	205	199	134
acres on which used	112 420	87 251	716	13 758	21 905	26 622	18 320	5 928
Weeds, grass, or brush in crops and pasture ..... farms	70 486	55 609	1 277	9 395	10 354	10 455	15 254	8 874
acres on which used	14 709 093	13 391 124	232 131	2 302 954	3 117 288	2 944 678	3 496 916	1 297 157
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	1 066	808	24	162	178	107	209	128
acres on which used	120 779	103 563	2 119	25 976	24 436	17 338	22 754	10 940

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured farms	6 012	94	865	1 574	1 610	1 248	621
acres	263 019	2 760	28 507	66 970	68 641	60 445	35 696
Land in house lots, ponds, roads, wasteland, etc. farms	21 820	552	3 496	5 690	5 585	4 210	2 307
acres	244 060	3 657	30 556	57 795	69 406	50 860	31 784
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs farms	12 134	291	2 250	3 248	3 034	2 245	1 066
acres	332 665	6 748	61 406	92 524	81 447	60 679	29 861
Conservation reserve program farms	2 438	19	248	632	706	577	256
acres	192 391	1 119	16 569	49 865	57 284	47 271	16 283
Value of land and buildings[1] farms	29 657	780	4 949	7 752	7 206	5 715	3 256
$1,000	3 626 466	60 133	540 747	966 639	933 055	745 735	380 157
Average per farm dollars	122 280	77 094	109 264	124 695	129 501	130 487	116 756
Average per acre dollars	994	1 067	1 030	1 009	976	976	975
Farms by value group:							
$1 to $39,999	7 814	394	1 610	1 838	1 675	1 254	1 043
$40,000 to $69,999	5 975	109	1 059	1 581	1 438	1 145	643
$70,000 to $99,999	4 220	83	646	1 082	1 068	909	432
$100,000 to $149,999	4 185	105	536	1 211	1 156	771	406
$150,000 to $199,999	2 464	16	357	737	604	546	204
$200,000 to $499,999	4 138	57	592	1 099	1 065	912	413
$500,000 to $999,999	685	15	141	157	144	145	83
$1,000,000 to $1,999,999	156	1	6	41	47	26	31
$2,000,000 to $4,999,999	17	-	-	5	7	4	1
$5,000,000 or more	3	-	-	1	1	1	-
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment farms	29 443	780	4 916	7 718	7 151	5 649	3 229
$1,000	679 379	16 943	112 878	178 628	170 586	130 690	67 651
Farms by value group:							
$1 to $4,999	4 334	131	737	1 112	984	873	497
$5,000 to $9,999	7 714	144	1 108	2 084	1 856	1 625	897
$10,000 to $19,999	6 332	178	1 155	1 611	1 537	1 114	737
$20,000 to $49,999	7 393	208	1 310	1 955	1 824	1 301	795
$50,000 to $99,999	2 703	87	484	684	741	506	201
$100,000 to $199,999	789	32	91	215	186	179	86
$200,000 to $499,999	172	-	30	57	19	50	16
$500,000 or more	6	-	1	-	4	1	-
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups farms	24 392	587	4 150	6 510	6 015	4 569	2 561
number	32 599	832	5 505	8 412	8 108	6 265	3 477
Wheel tractors farms	26 038	628	4 218	6 909	6 384	5 121	2 778
number	60 215	1 468	9 121	15 277	15 564	12 371	6 414
Less than 40 horsepower (PTO) farms	14 385	324	2 155	3 561	3 680	3 023	1 642
number	21 931	518	3 066	5 143	5 615	4 954	2 635
40 horsepower (PTO) or more farms	19 995	486	3 422	5 368	5 008	3 753	1 958
number	38 284	950	6 055	10 134	9 949	7 417	3 779
Grain and bean combines farms	8 426	197	1 372	2 139	2 315	1 572	833
number	8 966	205	1 436	2 276	2 486	1 711	870
Cottonpickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners farms	5 792	123	863	1 469	1 467	1 236	632
number	6 082	130	899	1 580	1 531	1 291	651
Pickup balers farms	7 830	189	1 115	2 039	1 965	1 726	794
number	8 692	221	1 246	2 296	2 125	1 920	882
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer farms	17 594	359	2 776	4 665	4 457	3 670	1 667
acres on which used	1 252 778	22 724	207 696	342 155	307 870	256 681	115 652
Lime farms	2 991	50	460	830	716	661	274
acres on which used	149 093	2 980	21 406	42 364	36 071	34 053	12 219
tons	362 516	5 908	46 620	104 781	85 558	89 551	28 098
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms	7 666	180	1 386	2 180	1 792	1 440	688
acres on which used	461 502	8 852	77 016	126 851	115 119	90 425	43 239
Nematodes in crops farms	536	16	79	146	151	108	36
acres on which used	35 829	544	3 859	13 986	11 157	3 698	2 585
Diseases in crops and orchards farms	465	15	28	121	177	79	45
acres on which used	25 169	566	2 484	3 611	13 475	3 317	1 716
Weeds, grass, or brush in crops and pasture farms	14 877	347	2 531	3 959	3 763	2 965	1 312
acres on which used	1 317 969	23 072	235 653	376 099	331 478	243 164	108 503
Chemicals for defoliation or for growth control of crops or thinning of fruit farms	258	1	32	81	56	61	27
acres on which used	17 216	(D)	(D)	7 013	4 338	3 864	662

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operators	105 180	75 279	1 961	12 339	13 462	14 323	19 734	13 460
Full owners	48 226	28 709	434	2 292	3 036	4 668	8 708	9 571
Part owners	35 207	30 242	268	4 120	6 693	7 782	8 729	2 650
Tenants	21 747	16 328	1 259	5 927	3 733	1 873	2 297	1 239
White	105 056	75 203	1 958	12 324	13 447	14 309	19 728	13 437
Full owners	48 162	28 676	433	2 290	3 031	4 660	8 704	9 558
Part owners	35 182	30 222	267	4 117	6 686	7 778	8 728	2 646
Tenants	21 712	16 305	1 258	5 917	3 730	1 871	2 296	1 233
Black and other races	124	76	3	15	15	14	6	23
Full owners	64	33	1	2	5	8	4	13
Part owners	25	20	1	3	7	4	1	4
Tenants	35	23	1	10	3	2	1	6
OWNED AND RENTED LAND								
Land owned farms	84 315	59 651	709	6 503	9 811	12 544	17 641	12 443
acres	17 021 650	14 183 481	76 108	977 958	2 053 862	3 353 982	4 769 345	2 952 226
Owned land in farms farms	83 433	58 951	702	6 412	9 729	12 450	17 437	12 221
acres	15 050 360	12 762 763	66 763	864 341	1 912 621	3 153 097	4 365 801	2 400 140
Land rented or leased from others farms	57 231	46 750	1 528	10 068	10 444	9 688	11 072	3 950
acres	16 739 305	15 313 002	361 222	3 464 886	4 121 892	3 304 525	3 171 394	889 083
Rented or leased land in farms farms	56 954	46 570	1 527	10 047	10 426	9 655	11 026	3 889
acres	16 587 770	15 195 916	359 424	3 442 517	4 105 480	3 279 289	3 141 387	867 819
Land rented or leased to others farms	14 144	9 369	90	826	1 020	1 409	2 587	3 437
acres	2 122 825	1 537 804	11 143	135 986	157 653	226 121	433 551	573 350
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	78 710	59 943	1 124	8 952	11 033	12 135	16 312	10 387
Not on farm operated	20 505	11 326	753	2 855	1 810	1 486	2 413	2 009
Not reported	5 965	4 010	84	532	619	702	1 009	1 064
Operators by principal occupation:								
Farming	75 279	75 279	1 961	12 339	13 462	14 323	19 734	13 460
Other	29 901	-	-	-	-	-	-	-
Operators by days of work off farm:								
None	51 753	48 742	822	6 613	8 010	9 351	13 913	10 033
Any	46 229	19 339	1 028	4 928	4 517	3 830	3 837	1 199
1 to 99 days	13 104	11 954	634	2 978	2 711	2 295	2 493	843
100 to 199 days	7 197	3 985	206	982	946	827	807	217
200 days or more	25 928	3 400	188	968	860	708	537	139
Not reported	7 198	7 198	111	798	935	1 142	1 984	2 228
Operators by years on present farm:								
2 years or less	5 787	3 203	722	1 264	528	264	258	167
3 or 4 years	5 973	3 398	527	1 593	630	265	229	154
5 to 9 years	13 617	8 219	390	4 446	1 809	698	540	336
10 years or more	65 721	50 830	-	3 744	9 035	11 372	16 361	10 318
Average years on present farm	19.7	21.9	3.2	7.7	13.7	22.0	29.5	35.6
Not reported	14 082	9 629	322	1 292	1 460	1 724	2 346	2 485
Operators by age group:								
Under 25 years	2 852	1 961	1 961	-	-	-	-	-
25 to 34 years	17 458	12 339	-	12 339	-	-	-	-
35 to 44 years	21 282	13 462	-	-	13 462	-	-	-
45 to 49 years	10 512	6 661	-	-	-	6 661	-	-
50 to 54 years	11 232	7 662	-	-	-	7 662	-	-
55 to 59 years	12 608	9 492	-	-	-	-	9 492	-
60 to 64 years	12 679	10 242	-	-	-	-	10 242	-
65 to 69 years	7 848	6 362	-	-	-	-	-	6 362
70 years and over	8 709	7 098	-	-	-	-	-	7 098
Average age	49.3	50.3	22.2	30.0	39.3	49.6	59.6	71.3
Operators by sex:								
Male	101 838	73 431	1 954	12 232	13 278	14 062	19 207	12 698
Female	3 342	1 848	7	107	184	261	527	762
Operators of Spanish origin (see text)	105	75	3	17	12	5	24	14
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms	89 188	63 076	1 692	10 207	11 296	12 179	16 505	11 197
acres	25 058 946	22 076 586	356 591	3 489 508	4 807 428	5 176 318	5 820 240	2 426 503
Partnership farms	11 088	8 300	233	1 716	1 336	1 194	2 145	1 676
acres	3 802 372	3 351 841	56 526	604 097	627 263	586 395	955 635	521 925
Corporation:								
Family held farms	4 094	3 428	23	337	730	875	977	486
acres	2 568 304	2 374 674	9 565	189 348	550 304	645 967	692 741	286 749
More than 10 stockholders farms	81	65	1	4	9	14	20	17
10 or less stockholders farms	4 013	3 363	22	333	721	861	957	469
Other than family held farms	310	181	4	38	46	34	32	27
acres	91 558	66 493	86	6 873	17 851	14 418	14 325	12 940
More than 10 stockholders farms	34	14	-	2	5	3	3	1
10 or less stockholders farms	276	167	4	36	41	31	29	26
Other—cooperative, estate or trust, institutional, etc. farms	500	294	9	41	54	41	75	74
acres	116 950	87 085	3 419	15 032	15 257	9 288	24 247	19 842

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operators		29 901	891	5 119	7 820	7 421	5 553	3 097
Full owners		19 517	382	2 415	4 655	5 272	4 251	2 542
Part owners		4 965	54	848	1 610	1 357	824	272
Tenants		5 419	455	1 856	1 555	792	478	283
White		29 853	890	5 112	7 802	7 411	5 551	3 087
Full owners		19 486	381	2 411	4 644	5 264	4 250	2 536
Part owners		4 960	54	848	1 609	1 356	823	270
Tenants		5 407	455	1 853	1 549	791	478	281
Black and other races		48	1	7	18	10	2	10
Full owners		31	1	4	11	8	1	6
Part owners		5	-	-	1	1	1	2
Tenants		12	-	3	6	1	-	2
OWNED AND RENTED LAND								
Land owned	farms	24 664	436	3 288	6 308	6 669	5 118	2 845
	acres	2 838 169	16 139	223 661	591 207	809 601	724 795	472 766
Owned land in farms	farms	24 482	436	3 263	6 265	6 629	5 075	2 814
	acres	2 287 597	12 286	180 755	503 729	677 964	581 579	331 305
Land rented or leased from others	farms	10 481	510	2 717	3 191	2 174	1 322	567
	acres	1 426 303	50 364	371 412	467 561	290 990	177 077	78 899
Rented or leased land in farms	farms	10 384	509	2 704	3 165	2 149	1 302	555
	acres	1 331 654	48 726	365 563	444 039	284 162	172 436	76 926
Land rented or leased to others	farms	4 775	52	436	930	1 228	1 169	960
	acres	585 021	5 511	48 755	101 001	138 465	147 857	143 432
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		18 767	401	3 061	5 095	4 967	3 554	1 689
Not on farm operated		9 179	448	1 788	2 284	1 970	1 612	1 077
Not reported		1 955	42	270	441	484	387	331
Operators by principal occupation:								
Farming		-	-	-	-	-	-	-
Other		29 901	891	5 119	7 820	7 421	5 553	3 097
Operators by days of work off farm:								
None		3 011	81	180	234	246	638	1 632
Any		26 890	810	4 939	7 586	7 175	4 915	1 465
1 to 99 days		1 150	80	147	161	195	254	313
100 to 199 days		3 212	133	467	777	772	767	296
200 days or more		22 528	597	4 325	6 648	6 208	3 894	856
Not reported		-	-	-	-	-	-	-
Operators by years on present farm:								
2 years or less		2 584	353	961	665	326	192	87
3 or 4 years		2 575	191	925	777	410	192	80
5 to 9 years		5 398	118	1 734	1 899	997	484	166
10 years or more		14 891	-	879	3 582	4 709	3 813	1 908
Average years on present farm		14.0	2.9	6.0	9.6	15.0	20.7	28.8
Not reported		4 453	229	620	897	979	872	856
Operators by age group:								
Under 25 years		891	891	-	-	-	-	-
25 to 34 years		5 119	-	5 119	-	-	-	-
35 to 44 years		7 820	-	-	7 820	-	-	-
45 to 49 years		3 851	-	-	-	3 851	-	-
50 to 54 years		3 570	-	-	-	3 570	-	-
55 to 59 years		3 116	-	-	-	-	3 116	-
60 to 64 years		2 437	-	-	-	-	2 437	-
65 to 69 years		1 486	-	-	-	-	-	1 486
70 years and over		1 611	-	-	-	-	-	1 611
Average age		46.7	21.8	30.2	39.5	49.2	59.1	71.4
Operators by sex:								
Male		28 407	853	4 989	7 569	7 130	5 168	2 698
Female		1 494	38	130	251	291	385	399
Operators of Spanish origin (see text)		30	-	3	8	3	8	8
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms	26 112	790	4 468	6 963	6 679	4 761	2 451
	acres	2 982 380	53 272	452 915	787 685	813 743	586 881	287 864
Partnership	farms	2 788	80	541	632	545	525	465
	acres	450 531	6 540	73 389	110 486	93 081	94 168	72 867
Corporation:								
Family held	farms	666	9	62	146	131	180	138
	acres	193 630	558	14 823	37 907	42 776	56 082	41 584
More than 10 stockholders	farms	16	-	1	2	5	6	2
10 or less stockholders	farms	650	9	61	144	126	174	136
Other than family held	farms	129	-	13	38	28	38	12
	acres	23 065	-	1 796	6 649	3 776	8 518	2 326
More than 10 stockholders	farms	20	-	5	10	2	2	1
10 or less stockholders	farms	109	-	8	28	26	36	11
Other—cooperative, estate or trust, institutional, etc.	farms	206	12	35	41	38	49	31
	acres	29 865	622	3 395	5 140	8 750	8 366	3 592

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming: Total	Age of operator (years): Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS BY SIZE								
1 to 9 acres	7 974	3 181	256	741	466	455	570	693
10 to 49 acres	10 981	3 330	142	488	432	423	629	1 216
50 to 69 acres	2 901	1 175	59	173	128	143	218	454
70 to 99 acres	6 981	3 608	141	515	373	423	749	1 407
100 to 139 acres	7 168	4 332	158	644	526	555	1 064	1 385
140 to 179 acres	10 506	7 432	290	1 192	990	1 054	1 967	1 939
180 to 219 acres	6 574	4 990	137	889	771	746	1 330	1 117
220 to 259 acres	7 119	5 851	171	991	949	995	1 640	1 105
260 to 499 acres	25 378	22 709	427	3 964	4 212	4 605	6 778	2 723
500 to 999 acres	15 874	15 105	165	2 322	3 645	3 925	3 908	1 140
1,000 to 1,999 acres	3 401	3 266	15	381	902	916	812	240
2,000 acres or more	323	300	-	39	68	83	69	41
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	50 200	37 149	977	5 884	6 499	6 840	10 233	6 716
Field crops, except cash grains (013)	1 451	488	10	40	66	49	96	227
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	1 451	488	10	40	66	49	96	227
Vegetables and melons (016)	213	93	2	7	22	12	20	30
Fruits and tree nuts (017)	195	69	-	9	6	10	17	27
Horticultural specialties (018)	278	112	-	12	30	28	22	20
General farms, primarily crop (019)	1 039	548	14	78	76	92	151	137
Livestock, except dairy, poultry, and animal specialties (021)	43 979	31 036	827	5 175	5 555	5 957	7 875	5 647
Beef cattle, except feedlots (0212)	10 095	5 298	80	425	491	659	1 381	2 262
Dairy farms (024)	4 209	3 942	105	859	868	915	856	339
Poultry and eggs (025)	570	327	4	45	59	56	104	59
Animal specialties (027)	1 601	311	6	28	55	56	67	99
General farms, primarily livestock and animal specialties (029)	1 445	1 204	16	202	226	308	293	159
LIVESTOCK								
Cattle and calves inventory ... farms	49 469	38 442	806	5 880	6 793	7 677	10 164	7 130
number	4 303 682	3 870 599	50 616	541 958	758 009	940 933	1 078 580	500 501
Farms with—								
1 to 9	4 928	2 157	88	348	366	316	460	579
10 to 49	19 719	13 738	383	2 042	2 059	2 287	3 322	3 465
50 to 99	12 289	10 761	194	1 707	1 896	2 185	3 009	1 770
100 to 199	8 310	7 745	109	1 264	1 603	1 814	2 044	911
200 to 499	3 423	3 287	30	437	705	885	905	325
500 or more	800	754	4	82	154	210	224	80
Cows and heifers that had calved ... farms	38 373	30 288	571	4 380	5 311	6 066	8 031	5 929
number	1 418 633	1 252 315	17 816	177 280	240 745	278 536	343 239	194 699
Beef cows ... farms	32 279	24 691	412	3 158	4 137	4 771	6 763	5 450
number	1 123 745	968 219	12 094	119 283	177 608	207 638	277 922	173 674
Farms with—								
1 to 9	5 883	3 176	107	390	477	515	772	915
10 to 49	19 651	15 315	244	2 020	2 422	2 829	4 205	3 595
50 to 99	4 965	4 542	45	552	893	1 014	1 327	711
100 to 199	1 467	1 360	12	163	292	344	369	189
200 to 499	276	257	4	29	47	65	76	36
500 or more	37	32	-	4	6	4	14	4
Milk cows ... farms	7 740	7 013	172	1 417	1 443	1 623	1 631	727
number	294 888	284 096	5 722	57 997	63 137	70 898	65 317	21 025
Farms with—								
1 to 4	872	550	7	63	89	90	137	164
5 to 9	278	211	12	36	28	36	54	45
10 to 49	4 340	4 041	118	862	808	943	936	374
50 to 99	1 955	1 922	34	413	450	459	441	125
100 to 199	272	266	1	43	62	86	58	16
200 to 499	22	22	-	-	5	9	5	3
500 or more	1	1	-	-	1	-	-	-
Heifers and heifer calves ... farms	38 383	30 457	625	4 650	5 408	6 183	8 075	5 516
number	1 275 321	1 156 474	14 847	171 202	231 937	297 268	313 407	127 813
Steers, steer calves, bulls, and bull calves ... farms	42 527	33 417	663	4 962	5 864	6 722	8 957	6 259
number	1 609 728	1 461 810	17 955	193 476	285 327	365 129	421 934	177 989
Cattle and calves sold ... farms	50 509	39 547	800	5 971	6 916	7 937	10 528	7 395
number	3 539 020	3 195 483	32 789	410 074	608 915	830 851	949 068	363 786
$1,000	2 124 641	1 939 601	17 872	239 572	370 436	518 043	588 966	204 712
Calves ... farms	16 116	11 949	286	1 896	2 009	2 291	2 932	2 535
number	355 396	295 779	5 091	45 442	53 287	64 583	72 464	54 812
$1,000	101 352	83 444	1 399	11 708	15 482	18 454	20 601	15 801
Cattle ... farms	43 833	34 910	684	5 298	6 178	7 082	9 386	6 272
number	3 183 624	2 899 704	27 698	364 632	555 628	768 168	876 604	308 974
$1,000	2 023 290	1 856 157	16 474	227 864	354 954	499 589	568 365	188 911
Fattened on grain and concentrates ... farms	22 503	19 004	338	2 832	3 481	4 103	5 340	2 910
number	2 405 669	2 244 748	19 026	264 963	430 617	621 464	697 857	210 821
$1,000	1 643 176	1 538 781	12 325	179 641	294 870	429 086	480 696	142 163

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS BY SIZE							
1 to 9 acres	4 796	326	1 206	1 348	914	594	408
10 to 49 acres	7 651	198	1 170	2 057	1 977	1 444	805
50 to 69 acres	1 726	52	239	401	479	370	185
70 to 99 acres	3 373	83	560	775	900	696	369
100 to 139 acres	2 836	73	466	715	711	675	307
140 to 179 acres	3 074	61	539	822	756	567	310
180 to 219 acres	1 584	41	224	431	412	304	172
220 to 259 acres	1 268	19	191	345	323	237	153
260 to 499 acres	2 639	32	431	705	662	532	277
500 to 999 acres	769	5	101	180	212	177	94
1,000 to 1,999 acres	135	1	14	34	39	31	16
2,000 acres or more	23	-	-	7	7	6	3
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	13 051	359	2 180	3 347	3 238	2 548	1 379
Field crops, except cash grains (013)	963	11	105	242	264	209	132
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	963	11	105	242	264	209	132
Vegetables and melons (016)	120	2	12	31	30	26	19
Fruits and tree nuts (017)	126	-	11	33	35	38	9
Horticultural specialties (018)	166	2	19	51	44	27	23
General farms, primarily crop (019)	491	1	60	139	135	112	44
Livestock, except dairy, poultry, and animal specialties (021)	12 943	469	2 455	3 348	3 165	2 219	1 287
Beef cattle, except feedlots (0212)	4 797	119	646	1 018	1 268	1 062	684
Dairy farms (024)	267	17	38	72	67	49	24
Poultry and eggs (025)	243	6	48	50	57	48	34
Animal specialties (027)	1 290	17	169	432	336	218	118
General farms, primarily livestock and animal specialties (029)	241	7	22	75	50	59	28
LIVESTOCK							
Cattle and calves inventory farms	11 027	315	1 775	2 809	2 802	2 092	1 234
number	433 083	9 377	62 095	106 827	106 914	92 383	53 507
Farms with—							
1 to 9	2 771	103	516	821	651	439	241
10 to 49	5 981	159	951	1 445	1 552	1 148	726
50 to 99	1 526	35	212	378	414	314	175
100 to 199	565	16	76	122	139	146	66
200 to 499	136	1	16	32	36	31	20
500 or more	46	1	4	11	10	14	6
Cows and heifers that had calved farms	8 085	210	1 172	1 986	2 134	1 621	962
number	166 318	3 737	20 471	39 771	43 393	37 615	21 331
Beef cows farms	7 588	183	1 080	1 854	2 003	1 546	922
number	155 526	3 218	18 936	37 334	40 556	35 016	20 466
Farms with—							
1 to 9	2 707	78	442	732	665	492	296
10 to 49	4 336	94	577	1 010	1 200	912	543
50 to 99	423	8	48	89	106	112	60
100 to 199	96	3	11	18	28	23	15
200 to 499	19	-	2	3	4	5	5
500 or more	5	-	-	2	-	2	1
Milk cows farms	735	35	115	219	180	120	66
number	10 792	519	1 535	2 437	2 837	2 599	865
Farms with—							
1 to 4	330	11	49	121	73	44	32
5 to 9	67	7	14	12	17	11	6
10 to 49	299	16	48	81	81	48	25
50 to 99	33	1	4	5	6	15	2
100 to 199	6	-	-	-	3	2	1
200 to 499	-	-	-	-	-	-	-
500 or more	-	-	-	-	-	-	-
Heifers and heifer calves farms	7 926	235	1 231	1 988	2 033	1 575	864
number	118 847	2 633	21 459	30 271	27 717	24 056	12 711
Steers, steer calves, bulls, and bull calves farms	9 110	238	1 408	2 338	2 355	1 768	1 003
number	147 918	3 007	20 165	38 785	35 804	30 692	19 465
Cattle and calves sold farms	10 962	310	1 724	2 704	2 836	2 118	1 270
number	343 537	6 370	59 615	83 975	82 297	64 812	46 468
$1,000	185 040	3 110	33 371	47 141	41 448	35 518	24 452
Calves farms	4 167	122	626	1 001	1 107	772	539
number	59 617	1 382	7 770	14 546	17 475	10 377	8 067
$1,000	17 907	413	2 319	4 260	5 239	3 222	2 455
Cattle farms	8 923	261	1 409	2 217	2 285	1 751	1 000
number	283 920	4 988	51 845	69 429	64 822	54 435	38 401
$1,000	167 133	2 697	31 052	42 881	36 210	32 296	21 997
Fattened on grain and concentrates farms	3 499	123	600	916	878	635	347
number	160 921	2 695	37 064	33 964	36 461	27 766	22 971
$1,000	104 398	1 649	24 225	22 562	23 184	17 630	15 145

See footnotes at end of table.

Table 50. Summary by Age and Principal Occupation of Operator: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total farming and other occupations	Farming						
				Age of operator (years)					
			Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.									
Hogs and pigs inventory	farms	36 670	30 475	908	6 389	6 624	6 575	7 281	2 698
	number	12 963 074	11 687 067	232 802	2 522 212	2 968 249	2 600 300	2 722 486	641 018
Farms with—									
1 to 24		3 530	1 948	71	244	354	344	499	436
25 to 49		2 560	1 741	70	307	251	320	443	350
50 to 99		4 220	3 207	153	627	544	646	815	422
100 to 199		6 766	5 666	199	1 183	1 130	1 188	1 440	526
200 to 499		11 269	10 053	291	2 312	2 281	2 198	2 343	628
500 or more		8 325	7 860	124	1 716	2 064	1 879	1 741	336
Used or to be used for breeding	farms	26 944	23 142	662	4 942	5 135	4 999	5 448	1 956
	number	1 657 873	1 522 718	31 441	335 734	376 680	352 200	340 680	85 983
Other	farms	35 152	29 443	867	6 210	6 442	6 379	7 024	2 521
	number	11 325 201	10 364 349	201 361	2 186 478	2 591 569	2 448 100	2 381 806	555 035
Hogs and pigs sold	farms	36 636	31 856	961	6 626	6 859	6 856	7 635	2 919
	number	23 483 812	21 239 788	413 123	4 682 323	5 330 258	4 856 909	4 816 492	1 140 683
	$1,000	2 494 231	2 275 513	40 408	474 265	570 085	532 021	533 965	124 769
Feeder pigs	farms	8 972	7 022	294	1 887	1 710	1 349	1 323	459
	number	4 460 979	3 809 208	116 659	1 175 432	983 734	729 869	641 154	162 360
	$1,000	209 249	179 421	5 230	54 561	47 491	34 335	30 459	7 344
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms	28 037	23 914	687	5 098	5 262	5 163	5 640	2 064
	number	2 495 867	2 297 634	46 147	515 713	577 729	522 959	512 018	123 068
Dec. 1 and May 31	farms	26 110	22 448	610	4 753	5 001	4 881	5 335	1 868
	number	1 251 973	1 153 487	21 966	255 272	290 441	262 201	260 281	63 326
June 1 and Nov. 30	farms	25 992	22 321	663	4 877	5 026	4 869	5 165	1 721
	number	1 243 894	1 144 147	24 181	260 441	287 288	260 758	251 737	59 742
Sheep and lambs of all ages inventory	farms	8 636	5 651	154	848	1 119	1 125	1 363	1 042
	number	451 617	319 781	10 057	65 043	61 098	68 830	70 180	44 573
Ewes 1 year old or older	farms	8 089	5 316	149	797	1 033	1 066	1 291	980
	number	280 591	207 930	6 658	42 084	42 499	42 903	45 578	28 208
Sheep and lambs sold	farms	8 806	5 765	160	874	1 150	1 133	1 403	1 045
	number	607 492	380 835	13 281	117 304	57 957	78 081	74 471	39 741
Sheep and lambs shorn	farms	8 052	5 316	154	783	1 051	1 063	1 284	981
	number	542 200	333 401	12 218	74 954	61 570	71 711	71 882	41 066
	pounds of wool	2 901 639	2 148 525	72 895	403 044	394 265	493 824	489 205	295 292
Horses and ponies inventory	farms	11 647	6 525	109	926	1 580	1 419	1 365	1 126
	number	59 338	32 662	533	3 766	7 381	7 567	7 220	6 195
Horses and ponies sold	farms	2 453	1 182	20	163	293	239	242	225
	number	9 909	5 429	44	399	1 050	1 412	1 347	1 177
Goats inventory	farms	1 082	535	10	77	141	99	113	95
	number	7 387	3 672	77	805	1 017	569	557	647
Goats sold	farms	366	172	4	32	32	35	33	36
	number	3 198	1 276	18	194	270	208	193	393
POULTRY									
Chickens 3 months old or older inventory	farms	4 897	3 311	47	397	535	573	858	901
	number	9 580 686	6 441 802	25 477	1 020 171	752 315	1 044 387	2 963 628	635 824
Farms with—									
1 to 399		4 456	2 963	44	357	488	496	749	829
400 to 3,199		175	153	-	11	16	30	47	49
3,200 to 9,999		93	76	2	9	12	17	24	12
10,000 to 19,999		82	53	1	6	10	12	18	6
20,000 to 49,999		50	37	-	9	4	14	8	2
50,000 to 99,999		25	20	-	3	4	4	7	2
100,000 or more		16	9	-	2	1	-	5	1
Hens and pullets of laying age	farms	4 834	3 263	47	392	528	564	850	882
	number	8 212 576	5 819 132	25 417	967 367	551 986	955 756	2 845 211	473 395
Pullets 3 months old or older not of laying age	farms	487	325	4	47	54	47	67	106
	number	1 368 090	622 670	60	52 804	200 329	88 631	118 417	162 429
Hens and pullets sold	farms	908	673	9	81	106	121	216	140
	number	9 873 596	6 334 651	77 498	730 947	1 454 681	1 324 031	2 319 839	427 655
Broilers and other meat-type chickens sold	farms	1 060	658	21	172	151	122	118	74
	number	686 016	513 188	4 161	122 379	65 518	71 485	231 175	18 470
Farms with—									
1 to 1,999		1 021	630	21	163	143	118	113	72
2,000 to 59,999		38	27	-	9	8	4	4	2
60,000 to 99,999		-	-	-	-	-	-	-	-
100,000 or more		1	1	-	-	-	-	1	-
Turkey hens kept for breeding	farms	345	164	3	24	41	29	38	29
	number	71 889	38 381	11	5 958	2 676	16 803	12 808	125
Turkeys sold	farms	407	264	3	65	63	41	70	22
	number	9 594 632	7 218 985	8 258	760 542	1 749 897	2 225 057	1 986 323	488 908

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.							
Hogs and pigs inventory farms	6 195	257	1 614	1 786	1 412	786	340
number	1 096 007	42 860	290 333	298 112	243 386	142 627	78 689
Farms with–							
1 to 24	1 582	55	313	489	416	207	102
25 to 49	819	36	205	229	194	109	46
50 to 99	1 013	48	302	262	227	135	39
100 to 199	1 100	55	327	318	211	125	64
200 to 499	1 216	46	342	379	249	149	51
500 or more	465	17	125	109	115	61	38
Used or to be used for breeding farms	3 802	157	995	1 095	852	493	210
number	135 155	5 103	38 203	38 268	28 450	17 228	7 903
Other farms	5 709	242	1 487	1 657	1 308	704	311
number	960 852	37 757	252 130	259 844	214 936	125 399	70 786
Hogs and pigs sold farms	6 782	295	1 734	1 958	1 528	880	387
number	2 244 024	64 850	615 987	625 511	495 333	299 933	142 410
$1,000	218 719	6 526	56 370	59 252	50 284	30 621	15 665
Feeder pigs farms	1 950	86	536	614	418	215	81
number	651 771	17 528	228 213	198 157	116 203	72 407	19 263
$1,000	29 828	810	10 540	8 904	5 376	3 305	893
Litters of pigs farrowed between–							
Dec. 1 of preceding year and Nov. 30 farms	4 123	175	1 063	1 184	937	534	230
number	198 233	6 598	56 002	53 955	43 756	27 272	10 650
Dec. 1 and May 31 farms	3 662	155	938	1 061	831	476	201
number	98 486	3 113	27 426	26 997	21 894	13 819	5 237
June 1 and Nov. 30 farms	3 671	161	978	1 066	809	458	199
number	99 747	3 485	28 576	26 958	21 862	13 453	5 413
Sheep and lambs of all ages inventory farms	2 985	98	476	952	769	446	244
number	131 836	3 613	21 613	31 483	31 639	36 172	7 316
Ewes 1 year old or older farms	2 773	93	437	875	732	414	222
number	72 661	2 657	13 837	21 300	19 269	10 747	4 851
Sheep and lambs sold farms	3 041	95	488	974	761	472	251
number	226 657	3 723	19 995	31 399	49 447	114 857	7 236
Sheep and lambs shorn farms	2 736	92	425	867	711	422	219
number	208 799	3 862	19 532	31 242	31 549	115 299	7 315
pounds of wool	753 114	28 029	124 285	207 331	198 682	144 970	49 817
Horses and ponies inventory farms	5 122	84	780	1 658	1 371	861	368
number	26 676	407	3 390	8 535	7 154	4 749	2 441
Horses and ponies sold farms	1 271	25	203	437	344	179	83
number	4 480	86	743	1 464	1 134	651	402
Goats inventory farms	547	3	93	214	135	71	31
number	3 715	16	939	1 126	725	453	456
Goats sold farms	194	-	33	74	46	26	15
number	1 922	-	356	849	422	153	142
POULTRY							
Chickens 3 months old or older inventory farms	1 586	17	247	473	388	248	213
number	3 138 864	45 048	352 230	732 067	1 325 206	315 894	368 419
Farms with–							
1 to 399	1 493	13	223	458	367	233	199
400 to 3,199	22	-	8	4	3	5	2
3,200 to 9,999	17	1	3	2	4	2	5
10,000 to 19,999	29	3	10	2	7	5	2
20,000 to 49,999	13	-	1	4	3	1	4
50,000 to 99,999	5	-	2	-	2	1	-
100,000 or more	7	-	-	3	2	1	1
Hens and pullets of laying age farms	1 571	17	245	470	384	243	212
number	2 393 444	45 048	221 350	513 658	1 061 735	248 723	302 930
Pullets 3 months old or older not of laying age farms	162	-	26	60	30	28	18
number	745 420	-	130 880	218 409	263 471	67 171	65 489
Hens and pullets sold farms	235	6	47	50	50	45	37
number	3 538 945	39 123	589 990	682 903	975 317	890 258	361 354
Broilers and other meat-type chickens sold farms	402	11	98	138	81	56	18
number	152 828	2 550	32 152	46 122	22 826	40 185	8 993
Farms with–							
1 to 1,999	391	11	95	134	80	54	17
2,000 to 59,999	11	-	3	4	1	2	1
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
Turkey hens kept for breeding farms	181	2	38	57	49	23	12
number	33 508	(D)	(D)	215	22 077	4 115	73
Turkeys sold farms	143	3	34	39	45	18	4
number	2 375 647	16 614	216 143	1 031 362	395 437	697 826	18 265

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED								
Corn for grain or seed .... farms..	83 301	66 463	1 581	11 039	12 374	13 149	17 966	10 354
acres..	10 147 051	9 217 643	152 708	1 521 716	2 081 071	2 170 314	2 410 809	881 025
bushels..	1 274 388 346	1 164 174 492	19 354 296	193 428 088	265 528 586	278 172 334	304 072 777	105 618 441
Irrigated .... farms..	453	399	4	69	100	88	93	45
acres..	62 099	57 530	299	9 235	12 150	12 417	15 391	8 038
Farms by acres harvested:								
1 to 24 acres	11 524	5 443	149	599	602	701	1 279	2 113
25 to 99 acres	35 088	26 671	901	4 418	3 933	4 292	7 572	5 555
100 to 249 acres	27 186	25 177	443	4 669	5 407	5 665	6 890	2 103
250 to 499 acres	7 726	7 461	79	1 138	1 970	2 000	1 811	463
500 acres or more	1 777	1 711	9	215	462	491	414	120
Corn for silage or green chop .... farms..	7 934	7 402	83	1 054	1 473	1 812	2 090	890
acres..	205 176	193 852	1 270	23 939	36 978	51 627	59 148	20 890
tons, green..	3 251 394	3 089 005	17 736	384 499	579 822	830 562	956 922	319 464
Irrigated .... farms..	7	7	-	2	1	2	2	-
acres..	110	110	-	(D)	(D)	(D)	(D)	-
Farms by acres harvested:								
1 to 24 acres	5 508	5 113	69	788	1 028	1 205	1 414	609
25 to 99 acres	2 112	1 990	14	233	388	525	576	254
100 to 249 acres	265	251	-	30	51	85	60	25
250 to 499 acres	41	40	-	2	6	13	17	2
500 acres or more	8	8	-	1	-	4	3	-
Sorghum for grain or seed .... farms..	108	85	2	15	19	23	15	11
acres..	4 376	3 969	(D)	(D)	646	1 133	848	995
bushels..	334 779	312 462	(D)	(D)	53 707	104 058	62 852	64 519
Irrigated .... farms..	-	-	-	-	-	-	-	-
acres..	-	-	-	-	-	-	-	-
Wheat for grain .... farms..	1 345	1 131	15	147	236	234	296	202
acres..	31 047	26 688	382	2 605	6 053	5 588	6 748	5 312
bushels..	1 180 360	1 030 257	17 251	105 789	253 199	206 480	242 188	205 350
Irrigated .... farms..	2	2	-	1	1	-	-	-
acres..	(D)	(D)	-	(D)	(D)	-	-	-
Farms by acres harvested:								
1 to 24 acres	998	823	11	112	173	177	212	138
25 to 99 acres	307	275	4	34	55	51	76	55
100 to 249 acres	33	27	1	1	7	4	7	7
250 to 499 acres	5	5	-	-	-	2	1	2
500 acres or more	2	1	-	-	1	-	-	-
Barley for grain .... farms..	357	325	12	65	76	62	81	29
acres..	6 545	6 178	131	1 203	1 453	1 232	1 645	514
bushels..	358 125	339 452	4 940	74 103	78 690	68 862	85 867	26 990
Irrigated .... farms..	7	7	-	1	1	1	3	1
acres..	483	483	-	(D)	(D)	(D)	77	(D)
Oats for grain .... farms..	25 398	22 440	411	3 580	4 304	4 812	6 088	3 245
acres..	544 907	500 028	7 626	76 422	98 106	111 937	137 495	68 442
bushels..	30 918 660	28 617 452	435 022	4 421 994	5 799 529	6 571 596	7 796 349	3 592 962
Irrigated .... farms..	16	14	-	5	2	3	4	-
acres..	484	(D)	-	275	(D)	28	72	-
Farms by acres harvested:								
1 to 24 acres	18 021	15 514	324	2 532	2 937	3 210	4 160	2 351
25 to 99 acres	7 125	6 691	84	1 016	1 317	1 549	1 869	856
100 to 249 acres	238	222	3	30	48	51	55	35
250 to 499 acres	13	12	-	2	2	2	3	3
500 acres or more	1	1	-	-	-	-	1	-
Soybeans for beans .... farms..	68 278	55 477	1 326	9 192	10 396	10 948	15 237	8 378
acres..	7 903 395	7 187 026	118 149	1 168 641	1 625 420	1 654 804	1 919 826	700 186
bushels..	326 081 351	297 484 547	4 919 327	48 631 235	67 637 686	68 769 395	79 440 937	28 085 967
Irrigated .... farms..	221	190	4	31	36	50	43	26
acres..	20 304	18 409	162	2 659	3 276	5 075	5 207	2 030
Farms by acres harvested:								
1 to 24 acres	10 200	5 977	183	830	761	889	1 539	1 775
25 to 99 acres	28 626	21 868	716	3 704	3 404	3 673	6 065	4 306
100 to 249 acres	22 245	20 665	372	3 661	4 304	4 520	5 943	1 865
250 to 499 acres	6 197	5 991	48	870	1 645	1 575	1 483	370
500 acres or more	1 010	976	7	127	282	291	207	62
Irish potatoes .... farms..	104	82	2	8	14	12	21	25
acres..	1 998	1 937	(D)	(D)	476	258	687	450
cwt..	336 981	318 112	(D)	(D)	84 511	36 165	115 555	69 060
Irrigated .... farms..	20	19	1	3	2	5	5	3
acres..	1 158	(D)	(D)	44	(D)	254	334	431
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .. farms..	48 271	37 951	663	5 650	6 891	7 673	10 248	6 826
acres..	1 968 207	1 735 153	23 037	255 765	343 104	383 515	467 836	261 896
tons, dry..	5 612 944	5 047 422	63 470	753 725	1 034 592	1 172 248	1 345 199	678 188
Irrigated .... farms..	45	36	1	7	7	5	9	7
acres..	1 216	1 105	(D)	(D)	244	115	164	111
Farms by acres harvested:								
1 to 24 acres	22 645	15 400	338	2 313	2 626	2 840	4 039	3 244
25 to 99 acres	21 233	18 408	288	2 725	3 349	3 795	5 140	3 111
100 to 249 acres	4 085	3 849	34	583	847	965	990	430
250 to 499 acres	278	265	2	27	64	68	68	36
500 acres or more	30	29	1	2	5	5	11	5
Alfalfa hay .... farms..	41 883	33 212	574	4 958	6 152	6 823	8 936	5 769
acres..	1 380 550	1 211 566	16 369	176 218	241 724	271 426	326 093	179 736
tons, dry..	4 444 233	3 985 540	51 602	596 345	826 767	933 668	1 050 703	526 457
Irrigated .... farms..	31	26	1	7	5	4	4	5
acres..	641	604	(D)	(D)	104	111	40	58

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED								
Corn for grain or seed	farms	16 838	424	2 938	4 410	4 276	3 170	1 620
	acres	929 408	20 898	164 646	248 510	229 591	177 427	88 336
	bushels	110 213 854	2 497 419	19 831 895	29 605 944	26 984 323	20 967 557	10 326 716
Irrigated	farms	54	2	3	15	18	13	3
	acres	4 569	(D)	(D)	1 417	254	1 084	814
Farms by acres harvested:								
1 to 24 acres		6 081	145	930	1 545	1 650	1 206	605
25 to 99 acres		8 417	224	1 572	2 253	2 062	1 524	782
100 to 249 acres		2 009	52	387	527	491	353	199
250 to 499 acres		265	1	41	67	54	73	29
500 acres or more		66	2	8	18	19	14	5
Corn for silage or green chop	farms	532	5	65	124	129	133	76
	acres	11 324	32	1 351	2 021	2 890	2 756	2 274
	tons, green	162 380	375	17 437	29 359	41 931	39 551	33 730
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres		395	5	51	104	95	92	48
25 to 99 acres		122	-	11	19	30	38	24
100 to 249 acres		14	-	3	1	3	3	4
250 to 499 acres		1	-	-	-	1	-	-
500 acres or more		-	-	-	-	-	-	-
Sorghum for grain or seed	farms	23	2	-	9	4	5	3
	acres	407	(D)	-	(D)	22	137	60
	bushels	22 317	(D)	-	(D)	1 252	11 212	4 460
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Wheat for grain	farms	214	2	37	62	48	42	23
	acres	4 359	(D)	(D)	1 315	742	755	675
	bushels	150 103	(D)	(D)	34 505	32 337	27 272	23 052
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres		175	2	27	52	42	36	16
25 to 99 acres		32	-	9	9	5	4	5
100 to 249 acres		6	-	1	-	1	2	2
250 to 499 acres		-	-	-	-	-	-	-
500 acres or more		1	-	-	1	-	-	-
Barley for grain	farms	32	-	4	8	10	10	-
	acres	367	-	47	122	112	86	-
	bushels	18 673	-	2 020	6 530	5 677	4 246	-
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Oats for grain	farms	2 958	75	500	815	742	557	269
	acres	44 879	1 085	7 038	11 552	11 615	8 986	4 603
	bushels	2 301 206	66 632	375 253	570 620	601 515	462 518	224 670
Irrigated	farms	2	-	1	-	-	1	-
	acres	(D)	-	(D)	-	-	(D)	-
Farms by acres harvested:								
1 to 24 acres		2 507	61	440	695	633	470	208
25 to 99 acres		434	14	58	117	104	80	61
100 to 249 acres		16	-	2	3	4	7	-
250 to 499 acres		1	-	-	-	1	-	-
500 acres or more		-	-	-	-	-	-	-
Soybeans for beans	farms	12 801	328	2 288	3 338	3 160	2 413	1 274
	acres	716 369	14 790	126 541	196 493	174 795	132 396	71 354
	bushels	28 596 804	598 726	5 084 175	7 883 942	6 951 373	5 275 170	2 803 418
Irrigated	farms	31	-	4	5	10	9	2
	acres	1 895	-	133	179	644	(D)	(D)
Farms by acres harvested:								
1 to 24 acres		4 223	116	682	1 028	1 093	874	430
25 to 99 acres		6 758	182	1 280	1 819	1 604	1 220	653
100 to 249 acres		1 580	29	299	418	405	262	167
250 to 499 acres		206	1	25	63	45	50	22
500 acres or more		34	-	2	10	13	7	2
Irish potatoes	farms	22	-	2	3	6	7	4
	acres	61	-	(D)	(D)	24	7	3
	cwt	18 869	-	(D)	(D)	10 578	1 531	700
Irrigated	farms	1	-	-	-	-	-	1
	acres	(D)	-	-	-	-	-	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	10 320	159	1 440	2 752	2 796	2 126	1 047
	acres	233 054	3 249	31 339	56 534	62 956	50 686	28 290
	tons, dry	565 522	7 923	77 712	136 844	154 945	122 129	65 969
Irrigated	farms	9	-	2	2	4	1	-
	acres	111	-	(D)	(D)	64	(D)	-
Farms by acres harvested:								
1 to 24 acres		7 245	117	1 040	2 011	1 960	1 444	673
25 to 99 acres		2 825	40	366	694	764	622	339
100 to 249 acres		236	2	31	44	69	57	33
250 to 499 acres		13	-	3	2	3	3	2
500 acres or more		1	-	-	1	-	-	-
Alfalfa hay	farms	8 671	129	1 181	2 331	2 399	1 815	816
	acres	168 984	2 305	21 714	42 015	46 805	37 036	19 109
	tons, dry	458 693	6 417	61 579	112 324	128 529	99 416	50 428
Irrigated	farms	5	-	1	1	2	1	-
	acres	37	-	(D)	(D)	(D)	(D)	-

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text) ---- farms..	64	58	1	8	16	16	14	4
acres..	11	11	-	1	2	5	3	-
Irrigated ---- farms..	2	1	-	-	1	-	-	-
acres..	80	42	-	4	10	7	8	13
Farms by acres harvested:								
0.1 to 4.9 acres	104	65	-	2	5	3	32	22
5.0 to 24.9 acres	13	9	-	1	1	2	1	4
25.0 to 99.9 acres	10	9	-	(D)	(D)	(D)	(D)	4
100.0 to 249.9 acres	30	21	1	5	5	3	4	3
250.0 acres or more	236	233	(D)	(D)	108	1	2	3
Land in orchards ---- farms..	21	17	-	1	3	2	5	6
acres..	1	1	-	-	-	1	-	-
Irrigated ---- farms..	-	-	-	-	-	-	-	-
acres..	458	232	1	29	32	48	57	65
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	2 488	1 755	(D)	(D)	211	476	545	351
5.0 to 24.9 acres	11 270 927	9 135 223	(D)	(D)	2 394 655	1 340 472	3 098 660	1 593 962
25.0 to 99.9 acres	77	34	-	4	7	10	5	8
100.0 to 249.9 acres	29	20	-	(Z)	2	2	11	5
250.0 acres or more	18 728	17 565	-	245	7 955	2 735	150	6 480

See footnotes at end of table.

Table 50. **Summary by Age and Principal Occupation of Operator: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED—Con.							
Vegetables harvested for sale (see text) ... farms..	6	-	3	1	2	-	-
acres..	-	-	-	-	-	-	-
Irrigated ... farms..	1	-	-	-	1	-	-
acres..	38	1	1	14	12	3	7
Farms by acres harvested:							
0.1 to 4.9 acres	40	(D)	(D)	(D)	7	2	5
5.0 to 24.9 acres	4	-	1	1	2	-	-
25.0 to 99.9 acres	1	-	(D)	(D)	(D)	-	-
100.0 to 249.9 acres	9	-	-	2	7	-	-
250.0 acres or more	3	-	-	(D)	(D)	-	-
Land in orchards ... farms..	4	-	-	-	2	2	-
acres..	-	-	-	-	-	-	-
Irrigated ... farms..	-	-	-	-	-	-	-
acres..	226	1	22	49	79	49	26
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	733	(D)	(D)	101	329	202	54
5.0 to 24.9 acres	2 135 704	(D)	(D)	693 070	769 618	454 103	83 663
25.0 to 99.9 acres	43	-	6	13	7	9	6
100.0 to 249.9 acres	9	-	1	3	1	2	2
250.0 acres or more	1 163	-	72	11	206	450	424

[1] Data are based on a sample of farms.

[2] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 51. **Summary by Size of Farm: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS AND LAND IN FARMS							
Farms	number	105 180	7 974	10 981	2 901	6 981	7 168
	percent	100.0	7.6	10.4	2.8	6.6	6.8
Land in farms	acres	31 638 130	23 461	262 586	170 098	567 963	840 781
Average size of farm	acres	301	3	26	59	81	117
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	farms	105 180	7 974	10 981	2 901	6 981	7 168
	$1,000	8 926 799	298 772	260 825	51 610	149 945	203 563
Average per farm	dollars	84 872	37 468	23 752	17 790	21 479	28 399
Farms by value of sales:							
Less than $1,000 (see text)		3 782	844	1 922	218	244	186
$1,000 to $2,499		5 017	1 427	2 369	311	386	241
$2,500 to $4,999		5 498	1 015	2 262	472	701	433
$5,000 to $9,999		8 252	1 043	1 979	601	1 665	1 070
$10,000 to $19,999		12 427	1 100	972	632	2 510	2 305
$20,000 to $24,999		6 009	308	283	95	358	815
$25,000 to $39,999		11 756	625	355	161	433	938
$40,000 to $49,999		5 996	249	166	49	154	289
$50,000 to $99,999		20 656	674	334	104	306	626
$100,000 to $249,999		20 200	486	197	40	181	238
$250,000 to $499,999		4 957	137	93	12	27	39
$500,000 to $999,999		1 220	50	46	4	10	7
$1,000,000 or more		410	16	23	2	4	3
Grains	farms	81 042	499	4 566	1 717	5 198	5 509
	$1,000	3 563 323	561	14 530	11 151	46 546	65 708
Sales of $50,000 or more	farms	23 982	-	-	-	-	1
	$1,000	2 507 136	-	-	-	-	(D)
Corn for grain	farms	72 356	305	3 162	1 391	4 521	4 843
	$1,000	1 961 527	267	7 757	6 105	25 381	36 438
Wheat	farms	1 188	1	30	21	38	62
	$1,000	2 726	(D)	(D)	32	44	82
Soybeans	farms	68 166	205	2 393	1 129	3 850	4 207
	$1,000	1 573 168	262	6 470	4 836	20 592	28 414
Sorghum for grain	farms	57	-	3	1	-	3
	$1,000	477	-	(D)	(D)	-	3
Barley	farms	81	-	6	1	5	6
	$1,000	116	-	(D)	(D)	3	8
Oats	farms	11 842	35	352	150	495	712
	$1,000	19 604	10	238	140	448	669
Other grains	farms	677	4	21	12	21	27
	$1,000	5 705	(D)	34	(D)	80	94
Cotton and cottonseed	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Hay, silage, and field seeds	farms	12 947	140	1 343	357	833	971
	$1,000	46 480	69	1 343	547	1 697	2 222
Sales of $50,000 or more	farms	30	-	-	-	-	-
	$1,000	3 365	-	-	-	-	-
Vegetables, sweet corn, and melons	farms	506	88	166	29	46	37
	$1,000	7 541	173	973	(D)	545	294
Sales of $50,000 or more	farms	30	-	1	2	2	1
	$1,000	4 384	-	(D)	(D)	(D)	(D)
Fruits, nuts, and berries	farms	371	51	143	23	32	35
	$1,000	2 853	86	1 049	310	506	157
Sales of $50,000 or more	farms	13	-	3	1	3	1
	$1,000	1 390	-	295	(D)	393	(D)
Nursery and greenhouse crops	farms	357	145	113	10	25	18
	$1,000	38 241	14 058	9 991	166	1 077	970
Sales of $50,000 or more	farms	111	51	32	2	5	6
	$1,000	35 714	12 839	9 182	(D)	902	875
Other crops	farms	99	6	29	1	6	10
	$1,000	1 678	9	80	(D)	16	20
Sales of $50,000 or more	farms	7	-	-	-	-	-
	$1,000	1 259	-	-	-	-	-
Poultry and poultry products	farms	3 643	494	567	112	272	302
	$1,000	192 229	29 679	27 974	4 885	9 135	6 422
Sales of $50,000 or more	farms	426	89	62	8	34	15
	$1,000	186 495	28 893	27 257	4 755	8 747	5 953
Dairy products	farms	7 048	318	258	111	311	567
	$1,000	392 284	10 304	5 935	2 363	7 833	19 040
Sales of $50,000 or more	farms	3 165	58	29	10	29	119
	$1,000	294 996	4 899	2 154	840	2 383	8 889
Cattle and calves	farms	50 509	3 193	3 663	1 207	2 670	3 373
	$1,000	2 124 641	59 129	79 485	10 147	23 550	35 317
Sales of $50,000 or more	farms	7 178	199	80	22	58	89
	$1,000	1 590 392	36 169	60 422	2 544	6 134	8 678

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARMS AND LAND IN FARMS							
Farms .... number..	10 506	6 574	7 119	25 378	15 874	3 401	323
percent..	10.0	6.3	6.6	24.1	15.1	3.2	.3
Land in farms .... acres..	1 661 495	1 298 012	1 692 823	9 225 178	10 707 195	4 290 322	878 216
Average size of farm .... acres..	158	197	238	364	675	1 261	2 719
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) .... farms..	10 506	6 574	7 119	25 378	15 874	3 401	323
$1,000..	434 118	351 784	473 331	2 504 995	2 826 801	1 162 671	208 384
Average per farm .... dollars..	41 321	53 511	66 488	98 707	178 077	341 861	645 151
Farms by value of sales:							
Less than $1,000 (see text)	135	75	39	97	19	3	-
$1,000 to $2,499	117	55	31	73	6	1	-
$2,500 to $4,999	285	129	69	121	11	-	-
$5,000 to $9,999	787	348	221	267	45	4	2
$10,000 to $19,999	2 168	1 013	666	934	116	11	-
$20,000 to $24,999	1 391	602	436	660	74	7	-
$25,000 to $39,999	2 669	1 656	1 665	2 847	393	13	1
$40,000 to $49,999	683	595	971	2 464	356	18	2
$50,000 to $99,999	1 413	1 286	1 807	9 915	3 982	194	13
$100,000 to $249,999	775	731	1 051	6 671	8 280	1 498	54
$250,000 to $499,999	82	68	128	1 059	2 028	1 178	126
$500,000 to $999,999	15	13	25	180	447	345	78
$1,000,000 or more	6	3	10	50	117	129	47
Grains .... farms..	8 925	5 566	6 357	23 684	15 389	3 322	310
$1,000..	155 639	112 116	165 821	1 006 917	1 316 397	563 667	104 269
Sales of $50,000 or more .... farms..	37	105	413	8 760	11 431	2 955	280
$1,000..	(D)	5 971	23 971	609 349	1 208 539	553 526	103 604
Corn for grain .... farms..	7 987	4 982	5 706	21 629	14 416	3 129	285
$1,000..	82 916	61 303	69 040	536 272	728 244	322 671	63 112
Wheat .... farms..	77	56	87	334	346	128	18
$1,000..	120	89	123	657	854	480	(D)
Soybeans .... farms..	7 264	4 498	5 421	21 273	14 456	3 176	294
$1,000..	70 880	49 298	75 022	459 822	579 593	237 500	40 478
Sorghum for grain .... farms..	4	6	5	17	9	8	1
$1,000..	15	34	12	67	60	249	(D)
Barley .... farms..	10	7	7	30	6	3	-
$1,000..	13	4	10	56	8	9	-
Oats .... farms..	1 332	930	1 028	3 974	2 370	435	29
$1,000..	1 536	1 184	1 436	6 680	5 475	1 598	190
Other grains .... farms..	48	36	36	205	184	70	13
$1,000..	156	204	176	1 363	2 162	1 160	237
Cotton and cottonseed .... farms..	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-
Sales of $50,000 or more .... farms..	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-
Tobacco .... farms..	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-
Sales of $50,000 or more .... farms..	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-
Hay, silage, and field seeds .... farms..	1 279	893	951	3 435	2 199	492	54
$1,000..	3 791	2 803	3 217	13 453	11 387	4 062	1 888
Sales of $50,000 or more .... farms..	-	-	-	8	10	7	5
$1,000..	-	-	-	627	820	500	1 418
Vegetables, sweet corn, and melons .... farms..	33	18	25	78	57	18	1
$1,000..	225	522	347	1 254	1 674	(D)	(D)
Sales of $50,000 or more .... farms..	-	2	3	5	10	4	-
$1,000..	-	(D)	206	692	1 255	1 176	-
Fruits, nuts, and berries .... farms..	19	14	12	26	11	3	2
$1,000..	133	221	97	215	42	(D)	(D)
Sales of $50,000 or more .... farms..	1	2	1	1	-	-	-
$1,000..	(D)	(D)	(D)	(D)	-	-	-
Nursery and greenhouse crops .... farms..	7	7	3	19	7	3	-
$1,000..	420	496	170	2 897	1 411	6 587	-
Sales of $50,000 or more .... farms..	1	4	1	5	3	1	-
$1,000..	(D)	449	(D)	2 831	1 391	(D)	-
Other crops .... farms..	10	4	6	10	10	2	1
$1,000..	31	57	31	167	628	(D)	(D)
Sales of $50,000 or more .... farms..	-	1	-	1	2	2	1
$1,000..	-	(D)	-	(D)	(D)	(D)	(D)
Poultry and poultry products .... farms..	369	205	229	747	300	43	3
$1,000..	8 285	17 597	8 657	56 102	16 877	5 658	957
Sales of $50,000 or more .... farms..	27	20	23	91	43	12	2
$1,000..	7 669	17 290	8 191	54 817	16 347	(D)	(D)
Dairy products .... farms..	1 000	783	706	2 116	771	102	5
$1,000..	45 337	39 893	39 095	143 031	67 348	11 448	607
Sales of $50,000 or more .... farms..	380	344	336	1 250	535	70	5
$1,000..	28 871	27 771	28 893	118 722	60 667	10 501	607
Cattle and calves .... farms..	4 818	3 526	3 707	13 459	8 772	1 930	191
$1,000..	78 177	61 484	97 585	516 961	735 408	351 106	76 292
Sales of $50,000 or more .... farms..	238	211	388	2 111	2 713	979	130
$1,000..	33 763	23 561	54 907	343 667	615 143	330 660	74 746

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs farms	38 638	3 841	2 296	554	1 475	1 902
$1,000	2 494 231	171 091	109 445	20 676	57 246	70 516
Sales of $50,000 or more farms	15 528	908	440	99	300	397
$1,000	2 058 777	130 476	87 195	14 926	40 512	45 557
Sheep, lambs, and wool farms	8 922	1 093	1 378	292	512	565
$1,000	46 157	9 511	8 017	709	1 152	2 286
Sales of $50,000 or more farms	77	6	9	-	1	8
$1,000	21 114	6 884	2 830	-	(D)	(D)
Other livestock and livestock products (see text) farms	3 417	653	838	148	245	249
$1,000	17 139	4 103	4 002	362	586	631
Sales of $50,000 or more farms	60	13	20	-	2	3
$1,000	8 848	1 634	2 050	-	(D)	200
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses farms	105 184	7 673	11 095	2 799	7 071	7 406
$1,000	6 647 645	199 225	229 216	39 459	114 592	159 574
Average per farm dollars	63 200	25 964	20 659	14 098	16 206	21 547
Livestock and poultry purchased farms	46 066	4 315	4 063	938	2 023	2 456
$1,000	1 358 161	67 299	72 328	6 683	15 125	23 281
Farms with expenses of—						
$1 to $4,999	20 895	2 558	2 834	642	1 263	1 442
$5,000 to $24,999	14 932	1 222	868	250	604	763
$25,000 to $99,999	7 811	437	306	39	148	226
$100,000 or more	2 428	98	55	7	8	19
Feed for livestock and poultry farms	64 752	5 849	5 955	1 508	3 104	3 878
$1,000	1 101 808	66 681	67 399	7 515	24 517	30 933
Farms with expenses of—						
$1 to $4,999	31 369	3 792	4 616	1 167	2 266	2 546
$5,000 to $24,999	22 076	1 500	900	301	660	1 109
$25,000 to $99,999	9 846	464	326	32	152	193
$100,000 or more	1 461	95	113	8	26	30
Commercially mixed formula feeds farms	33 282	3 082	2 729	810	1 501	1 838
$1,000	475 104	33 880	30 614	3 146	13 372	15 671
Farms with expenses of—						
$1 to $4,999	17 634	2 142	2 097	651	1 165	1 181
$5,000 to $24,999	11 352	654	443	137	255	572
$25,000 to $79,999	3 545	223	116	20	58	67
$80,000 or more	751	63	73	2	23	18
Seeds, bulbs, plants, and trees farms	68 807	1 193	5 879	2 038	5 907	6 566
$1,000	308 197	942	2 614	1 255	4 918	7 177
Farms with expenses of—						
$1 to $999	23 074	1 138	5 712	1 730	3 978	3 309
$1,000 to $4,999	45 976	27	142	308	1 924	3 247
$5,000 to $24,999	19 426	22	21	-	5	10
$25,000 or more	331	6	4	-	-	-
Commercial fertilizer farms	83 067	666	4 715	1 728	5 320	5 946
$1,000	467 355	605	2 557	1 486	6 607	9 543
Farms with expenses of—						
$1 to $4,999	51 929	649	4 710	1 728	5 253	5 766
$5,000 to $24,999	29 100	7	4	-	67	180
$25,000 to $49,999	1 788	8	1	-	-	-
$50,000 or more	250	2	-	-	-	-
Agricultural chemicals farms	86 631	1 981	5 831	1 949	5 558	6 113
$1,000	309 894	671	2 058	1 156	4 502	6 741
Farms with expenses of—						
$1 to $4,999	66 563	1 980	5 822	1 945	5 528	6 079
$5,000 to $24,999	19 490	1	9	4	30	34
$25,000 to $49,999	514	-	-	-	-	-
$50,000 or more	64	-	-	-	-	-
Petroleum products farms	100 939	6 435	9 721	2 698	6 775	7 185
$1,000	315 061	7 562	7 136	2 056	6 354	8 891
Farms with expenses of—						
$1 to $4,999	81 446	6 205	9 566	2 683	6 713	7 091
$5,000 to $24,999	19 169	216	139	13	59	93
$25,000 to $49,999	274	12	10	2	3	1
$50,000 or more	50	2	6	-	-	-
Gasoline and gasohol farms	87 982	5 584	8 527	2 275	5 799	6 200
$1,000	105 047	3 458	3 848	1 188	3 363	4 476
Diesel fuel farms	73 400	1 971	3 001	1 177	3 710	4 349
$1,000	136 878	1 575	1 268	417	1 641	2 610
Natural gas farms	5 064	216	211	74	229	282
$1,000	6 637	607	278	93	127	139
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms	86 862	4 062	5 101	1 699	4 868	5 819
$1,000	66 500	1 923	1 745	358	1 223	1 668

See footnotes at end of table.

Table 51. Summary by Size of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs	farms	3 232	2 390	2 871	11 239	7 262	1 475	102
	$1,000	136 950	114 152	156 083	751 392	667 221	215 714	23 743
Sales of $50,000 or more	farms	900	774	1 089	5 244	4 263	1 055	81
	$1,000	93 446	83 235	119 678	616 037	597 083	206 086	23 354
Sheep, lambs, and wool	farms	769	491	512	1 932	1 131	209	16
	$1,000	4 008	2 143	1 726	10 494	6 570	1 517	44
Sales of $50,000 or more	farms	5	4	3	21	17	3	-
	$1,000	1 968	949	196	4 364	2 444	594	-
Other livestock and livestock products (see text)	farms	210	114	153	442	282	78	7
	$1,000	1 122	301	503	2 112	1 638	1 219	380
Sales of $50,000 or more	farms	4	2	1	5	6	3	1
	$1,000	792	(D)	(D)	1 389	1 010	1 037	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses	farms	10 502	6 581	7 272	25 485	15 582	3 395	323
	$1,000	319 218	261 111	357 923	1 846 266	2 070 574	888 187	162 300
Average per farm	dollars	30 396	39 677	49 219	72 445	132 882	261 616	502 476
Livestock and poultry purchased	farms	3 765	2 583	3 432	12 380	8 123	1 787	181
	$1,000	51 259	39 744	63 993	333 206	426 961	214 480	43 821
Farms with expenses of—								
$1 to $4,999		2 070	1 200	1 482	4 689	2 395	297	23
$5,000 to $24,999		1 200	959	1 355	4 413	2 680	551	41
$25,000 to $99,999		432	381	514	2 678	2 103	496	51
$100,000 or more		63	43	81	600	945	443	66
Feed for livestock and poultry	farms	5 453	3 916	4 678	17 064	10 854	2 280	211
	$1,000	57 015	50 181	67 282	321 553	286 481	106 562	15 747
Farms with expenses of—								
$1 to $4,999		3 036	1 914	2 084	6 227	3 153	530	38
$5,000 to $24,999		1 848	1 502	1 797	7 347	4 270	776	66
$25,000 to $99,999		530	473	740	3 170	2 987	719	60
$100,000 or more		39	29	57	320	444	255	47
Commercially mixed formula feeds	farms	2 933	2 053	2 490	8 814	5 701	1 231	100
	$1,000	26 794	24 550	28 671	140 807	113 031	40 127	4 643
Farms with expenses of—								
$1 to $4,999		1 745	1 080	1 267	3 955	1 945	385	21
$5,000 to $24,999		1 016	822	975	3 561	2 443	441	33
$25,000 to $79,999		145	127	220	1 138	1 107	293	31
$80,000 or more		27	24	28	160	206	112	15
Seeds, bulbs, plants, and trees	farms	9 822	6 244	7 050	24 954	15 465	3 370	319
	$1,000	15 780	12 057	17 170	92 196	103 804	42 848	7 435
Farms with expenses of—								
$1 to $999		2 822	1 322	1 017	1 720	287	35	4
$1,000 to $4,999		6 936	4 771	5 693	17 425	5 103	369	31
$5,000 to $24,999		64	151	340	5 796	10 032	2 820	165
$25,000 or more		-	-	-	13	43	146	119
Commercial fertilizer	farms	9 132	5 940	6 687	24 100	15 174	3 342	317
	$1,000	20 461	16 850	24 200	138 796	165 720	68 192	12 339
Farms with expenses of—								
$1 to $4,999		8 516	5 048	5 006	12 232	2 833	174	14
$5,000 to $24,999		616	892	1 681	11 799	11 577	2 167	110
$25,000 to $49,999		-	-	-	68	728	869	114
$50,000 or more		-	-	-	1	36	132	79
Agricultural chemicals	farms	9 360	5 991	6 807	24 226	15 174	3 332	309
	$1,000	14 989	11 336	16 206	89 613	108 641	45 569	8 298
Farms with expenses of—								
$1 to $4,999		9 205	5 736	6 240	17 999	5 540	458	31
$5,000 to $24,999		155	255	567	6 223	9 485	2 583	144
$25,000 to $49,999		-	-	-	4	143	268	99
$50,000 or more		-	-	-	-	6	23	35
Petroleum products	farms	10 137	6 437	7 168	25 207	15 484	3 372	320
	$1,000	17 750	13 949	19 213	92 851	96 796	36 324	6 178
Farms with expenses of—								
$1 to $4,999		9 865	6 033	6 472	19 813	6 543	439	23
$5,000 to $24,999		268	403	693	5 380	8 878	2 807	220
$25,000 to $49,999		2	1	3	8	56	119	57
$50,000 or more		2	-	-	6	7	7	20
Gasoline and gasohol	farms	8 789	5 828	6 250	21 884	13 618	2 954	294
	$1,000	8 234	6 146	7 469	30 216	26 189	8 876	1 584
Diesel fuel	farms	7 350	4 915	6 116	22 645	14 652	3 213	301
	$1,000	5 808	4 849	7 398	40 802	48 221	19 060	3 229
Natural gas	farms	372	199	387	1 631	1 081	351	31
	$1,000	194	210	361	2 028	1 730	736	137
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms	9 061	5 968	6 845	24 560	15 312	3 349	318
	$1,000	3 515	2 745	3 985	19 808	20 656	7 651	1 227

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity .... farms..	90 255	5 840	7 676	1 919	5 215	5 926
$1,000..	126 591	5 035	5 251	1 279	3 347	4 717
Farms with expenses of—						
$1 to $999	47 918	4 482	6 658	1 620	4 300	4 514
$1,000 to $4,999	39 358	1 258	902	281	897	1 368
$5,000 to $24,999	2 636	86	103	17	13	42
$25,000 or more	83	14	13	1	5	2
Hired farm labor .... farms..	49 121	2 092	2 673	837	2 115	2 709
$1,000..	282 515	9 069	12 999	1 702	3 270	3 809
Farms with expenses of—						
$1 to $4,999	37 600	1 842	2 376	792	2 023	2 566
$5,000 to $24,999	8 880	154	173	24	75	122
$25,000 to $99,999	2 443	82	94	19	12	20
$100,000 or more	198	14	30	2	5	1
Contract labor .... farms..	8 078	362	612	188	394	346
$1,000..	21 032	795	1 456	265	735	492
Farms with expenses of—						
$1 to $999	3 846	237	468	131	254	213
$1,000 to $4,999	3 123	94	103	46	110	119
$5,000 to $24,999	1 032	27	35	10	20	13
$25,000 or more	77	4	6	1	10	1
Repair and maintenance .... farms..	91 920	5 620	8 002	2 164	5 493	6 242
$1,000..	407 270	8 943	10 741	2 692	8 710	12 650
Farms with expenses of—						
$1 to $4,999	63 247	5 188	7 650	2 093	5 240	5 697
$5,000 to $24,999	27 602	415	327	68	247	540
$25,000 to $49,999	905	13	16	2	4	4
$50,000 or more	166	4	9	1	2	1
Customwork, machine hire, and rental of machinery and equipment .... farms..	57 354	2 160	4 267	1 364	3 625	4 071
$1,000..	133 395	1 636	2 565	1 302	4 304	5 838
Farms with expenses of—						
$1 to $999	25 122	1 721	3 621	980	2 050	2 079
$1,000 to $4,999	25 700	402	621	375	1 492	1 839
$5,000 to $24,999	6 238	36	21	9	83	151
$25,000 or more	294	1	4	-	-	2
Interest expense .... farms..	67 262	3 506	4 756	1 322	3 457	4 003
$1,000..	579 338	7 654	13 168	3 781	10 053	13 049
Farms with expenses of—						
$1 to $4,999	37 493	3 167	4 197	1 061	2 798	3 238
$5,000 to $24,999	24 442	308	515	256	649	734
$25,000 to $99,999	5 121	31	41	5	9	31
$100,000 or more	206	-	3	-	1	-
Secured by real estate .... farms..	44 371	2 180	3 336	849	2 320	2 561
$1,000..	390 226	3 913	8 672	2 844	7 393	9 086
Farms with expenses of—						
$1 to $999	6 684	1 185	976	143	620	684
$1,000 to $4,999	16 369	840	2 050	512	1 204	1 286
$5,000 to $24,999	17 889	147	290	190	493	588
$25,000 or more	3 429	8	20	4	3	3
Not secured by real estate .... farms..	41 208	1 962	2 435	733	1 840	2 205
$1,000..	189 113	3 741	4 496	937	2 660	3 963
Farms with expenses of—						
$1 to $999	13 476	1 169	1 540	463	1 105	1 176
$1,000 to $4,999	16 664	634	741	238	633	858
$5,000 to $24,999	10 034	143	131	31	99	161
$25,000 or more	1 034	16	23	1	3	10
Cash rent .... farms..	41 375	450	1 297	709	1 382	1 913
$1,000..	492 800	970	2 615	1 465	4 529	8 177
Farms with expenses of—						
$1 to $4,999	15 835	428	1 261	625	956	1 209
$5,000 to $9,999	8 684	5	15	84	414	556
$10,000 to $24,999	11 593	7	17	-	10	144
$25,000 or more	5 263	10	4	-	2	4
Property taxes .... farms..	87 431	7 006	9 687	2 253	5 943	5 980
$1,000..	230 810	3 623	7 609	2 310	7 448	9 404
Farms with expenses of—						
$1 to $4,999	75 206	6 926	9 636	2 238	5 901	5 926
$5,000 to $9,999	9 596	65	42	14	40	50
$10,000 to $24,999	2 474	14	9	-	2	4
$25,000 or more	155	1	-	1	-	-
All other farm production expenses .... farms..	101 919	6 980	9 673	2 556	6 694	7 200
$1,000..	513 358	17 739	18 720	4 490	10 083	14 871
Farms with expenses of—						
$1 to $4,999	73 591	6 325	9 236	2 449	6 353	6 577
$5,000 to $24,999	25 444	565	363	99	327	589
$25,000 to $49,999	2 166	63	39	4	9	24
$50,000 or more	718	27	45	4	5	10

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity .... farms..	8 804	5 846	6 606	23 726	14 982	3 302	311
$1,000..	8 314	7 005	6 387	37 406	32 647	11 281	1 721
Farms with expenses of—							
$1 to $999	5 815	3 373	3 451	9 533	3 624	408	40
$1,000 to $4,999	2 943	2 391	3 088	13 481	10 339	2 251	159
$5,000 to $24,999	44	81	66	699	1 005	631	107
$25,000 or more	2	1	1	13	14	12	5
Hired farm labor .... farms..	4 092	3 039	3 477	14 308	10 741	2 747	290
$1,000..	7 721	6 413	9 627	62 419	90 619	59 291	13 575
Farms with expenses of—							
$1 to $4,999	3 784	2 700	2 963	11 196	6 576	750	30
$5,000 to $24,999	272	308	460	2 687	3 265	1 234	106
$25,000 to $99,999	34	29	49	402	857	724	121
$100,000 or more	2	2	5	22	43	39	33
Contract labor .... farms..	660	427	475	2 171	1 779	593	71
$1,000..	866	642	966	5 159	6 140	2 935	560
Farms with expenses of—							
$1 to $999	467	256	241	977	475	120	7
$1,000 to $4,999	153	149	176	964	924	261	24
$5,000 to $24,999	40	21	56	214	363	197	36
$25,000 or more	-	1	2	16	17	15	4
Repair and maintenance .... farms..	9 238	5 920	6 717	23 945	14 932	3 328	319
$1,000..	25 009	16 976	24 796	120 389	122 926	44 658	6 760
Farms with expenses of—							
$1 to $4,999	7 852	4 683	4 993	14 437	4 888	479	47
$5,000 to $24,999	1 365	1 229	1 712	9 391	9 651	2 486	171
$25,000 to $49,999	18	7	11	103	340	315	72
$50,000 or more	3	1	1	14	53	48	29
Customwork, machine hire, and rental of machinery and equipment .... farms..	6 224	4 055	4 458	15 289	9 602	2 036	203
$1,000..	11 900	6 577	9 079	36 683	35 363	11 705	2 252
Farms with expenses of—							
$1 to $999	2 621	1 578	1 837	5 654	2 599	363	19
$1,000 to $4,999	3 096	2 111	2 252	7 427	4 980	1 021	84
$5,000 to $24,999	499	366	367	2 182	1 864	580	80
$25,000 or more	8	-	2	26	159	72	20
Interest expense .... farms..	5 926	4 138	4 781	18 882	13 182	3 013	296
$1,000..	24 679	20 335	29 132	156 287	196 561	84 625	15 994
Farms with expenses of—							
$1 to $4,999	4 196	2 679	2 890	8 867	3 864	514	22
$5,000 to $24,999	1 693	1 405	1 768	8 900	6 803	1 307	104
$25,000 to $99,999	36	54	123	1 106	2 462	1 099	124
$100,000 or more	1	-	-	9	53	93	46
Secured by real estate .... farms..	3 584	2 558	2 939	12 084	9 427	2 297	236
$1,000..	17 497	12 980	10 830	106 991	135 124	55 176	10 740
Farms with expenses of—							
$1 to $999	623	456	423	1 033	452	86	3
$1,000 to $4,999	1 688	1 117	1 137	4 056	2 112	340	27
$5,000 to $24,999	1 257	957	1 293	6 307	5 209	1 079	79
$25,000 or more	16	28	86	688	1 654	792	127
Not secured by real estate .... farms..	3 698	2 585	3 013	12 045	8 443	2 049	200
$1,000..	7 182	7 375	9 302	51 296	63 457	29 449	5 254
Farms with expenses of—							
$1 to $999	1 633	958	1 037	3 059	1 179	154	3
$1,000 to $4,999	1 766	1 223	1 392	5 492	3 185	481	21
$5,000 to $24,999	296	393	571	3 353	3 683	1 066	107
$25,000 or more	3	11	13	141	396	348	69
Cash rent .... farms..	3 174	2 354	2 824	13 626	10 832	2 570	245
$1,000..	19 110	15 118	22 622	143 453	164 012	77 262	13 480
Farms with expenses of—							
$1 to $4,999	1 769	1 143	1 157	4 422	2 654	388	23
$5,000 to $9,999	671	635	677	3 184	1 911	306	26
$10,000 to $24,999	710	549	965	4 875	3 533	724	59
$25,000 or more	24	27	25	1 144	2 734	1 152	137
Property taxes .... farms..	8 204	5 301	5 677	20 655	13 363	3 061	301
$1,000..	16 091	[illegible]02	15 369	66 774	63 515	22 106	4 359
Farms with expenses of—							
$1 to $4,999	8 063	5 022	5 113	16 698	8 188	1 402	93
$5,000 to $9,999	125	250	549	3 666	3 858	875	62
$10,000 to $24,999	16	27	15	286	1 294	709	98
$25,000 or more	-	2	-	5	23	75	48
All other farm production expenses .... farms..	10 358	6 504	7 243	25 415	15 578	3 395	323
$1,000..	28 273	25 726	29 879	145 261	148 177	60 347	9 772
Farms with expenses of—							
$1 to $4,999	8 896	5 235	5 491	16 058	6 232	699	40
$5,000 to $24,999	1 415	1 208	1 660	8 748	8 277	2 044	159
$25,000 to $49,999	39	54	80	493	827	484	70
$50,000 or more	8	7	12	116	242	168	54

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]							
All farms	number	105 184	7 673	11 095	2 799	7 071	7 406
	$1,000	2 146 997	68 261	36 071	7 022	27 042	46 310
Average per farm	dollars	20 412	8 896	3 251	2 509	3 824	6 253
Farms with net gains[2]	number	74 987	4 450	4 967	1 502	4 198	4 800
Average net gain	dollars	31 660	17 846	11 548	8 448	9 345	12 420
Gain of–							
Less than $1,000		4 767	900	1 373	235	409	351
$1,000 to $9,999		22 906	1 990	2 595	1 041	2 906	2 728
$10,000 to $49,999		33 147	1 192	797	205	790	1 546
$50,000 or more		14 167	368	202	21	93	175
Farms with net losses	number	30 197	3 223	6 128	1 297	2 873	2 606
Average net loss	dollars	7 521	3 460	3 474	4 369	4 242	5 105
Loss of–							
Less than $1,000		4 943	979	1 556	193	517	363
$1,000 to $9,999		18 984	2 054	4 274	1 033	2 124	1 945
$10,000 to $49,999		5 889	184	286	71	231	288
$50,000 or more		381	6	12	-	1	10
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments	farms	75 203	838	2 599	1 332	4 364	4 847
	$1,000	1 153 713	3 596	4 691	3 609	16 348	24 375
Other farm-related income[1]	farms	30 370	1 526	2 501	589	1 547	1 817
	$1,000	132 008	7 862	10 406	2 227	6 677	6 320
Customwork and other agricultural services	farms	15 001	378	553	205	503	621
	$1,000	61 977	1 199	1 035	607	1 605	1 678
Gross cash rent or share payments	farms	8 633	946	1 586	302	701	777
	$1,000	58 000	6 485	8 749	1 581	4 726	4 229
Forest products and Christmas trees	farms	710	39	76	-	80	57
	$1,000	1 876	32	219	-	108	87
Other farm-related income sources	farms	11 908	341	535	149	533	628
	$1,000	10 156	146	403	38	238	325
COMMODITY CREDIT CORPORATION LOANS							
Total	farms	51 178	66	766	526	2 183	2 522
	$1,000	1 598 775	1 221	2 287	2 378	13 425	21 201
Corn	farms	50 551	13	739	511	2 128	2 481
	$1,000	1 298 123	12	1 987	2 049	11 698	18 357
Wheat	farms	61	-	1	-	1	2
	$1,000	127	-	(D)	-	(D)	(D)
Soybeans	farms	14 094	1	74	77	380	450
	$1,000	298 747	(D)	(D)	(D)	1 722	2 841
Sorghum, barley, and oats	farms	86	-	-	-	4	2
	$1,000	190	-	-	-	(D)	(D)
Cotton	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	70	53	8	2	1	1
	$1,000	1 587	(D)	76	(D)	(D)	(D)
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	96 749	1 947	9 278	2 740	6 794	7 013
	acres	27 290 868	7 618	181 989	122 890	449 455	678 438
Harvested cropland	farms	92 878	1 373	7 873	2 463	6 397	6 699
	acres	20 484 178	4 938	126 800	84 171	324 340	479 587
Farms by acres harvested:							
1 to 49 acres		17 548	1 373	7 873	1 843	2 549	1 568
50 to 99 acres		13 956	-	-	620	3 848	3 952
100 to 199 acres		23 454	-	-	-	-	1 179
200 to 499 acres		29 005	-	-	-	-	-
500 to 999 acres		7 723	-	-	-	-	-
1,000 to 1,999 acres		1 114	-	-	-	-	-
2,000 acres or more		78	-	-	-	-	-
Cropland:							
Pasture or grazing only	farms	36 766	661	3 084	862	2 010	2 590
	acres	2 283 547	2 250	37 686	19 626	50 471	84 836
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	27 088	67	918	498	1 675	1 893
	acres	1 670 711	178	7 519	7 772	30 921	48 169
On which all crops failed	farms	1 640	27	132	58	126	127
	acres	45 013	54	870	742	2 016	1 714
In cultivated summer fallow	farms	844	4	44	27	48	81
	acres	45 160	7	288	451	918	2 212
Idle	farms	42 114	70	1 063	699	2 376	2 611
	acres	2 762 259	191	8 826	10 126	40 789	61 920
Total woodland	farms	24 782	252	2 181	867	1 640	2 063
	acres	1 316 448	667	24 090	18 878	40 799	63 793
Woodland pastured	farms	14 393	140	1 153	464	899	1 162
	acres	774 976	372	13 308	9 483	21 804	36 417
Woodland not pastured	farms	14 477	130	1 207	521	945	1 165
	acres	541 472	295	10 782	9 395	18 995	27 376

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]								
All farms	number	10 502	6 581	7 272	25 485	15 562	3 395	323
	$1,000	101 636	84 860	130 660	649 236	692 083	257 730	46 084
Average per farm	dollars	9 678	12 895	17 968	25 475	44 416	75 915	142 675
Farms with net gains[2]	number	7 581	4 724	5 639	20 822	13 1[illegible]	2 888	291
Average net gain	dollars	15 742	20 761	25 539	33 835	56 233	95 084	162 139
Gain of–								
Less than $1,000		528	198	166	392	193	18	4
$1,000 to $9,999		3 199	1 671	1 455	3 862	1 311	127	21
$10,000 to $49,999		3 487	2 454	3 378	12 464	5 922	851	61
$50,000 or more		367	401	640	4 104	5 690	1 892	205
Farms with net losses	number	2 921	1 857	1 633	4 663	2 457	507	32
Average net loss	dollars	6 062	7 116	8 179	11 855	18 712	33 280	34 327
Loss of–								
Less than $1,000		359	219	163	453	133	8	-
$1,000 to $9,999		2 020	1 211	1 018	2 278	912	105	10
$10,000 to $49,999		542	419	445	1 862	1 257	290	14
$50,000 or more		-	8	7	70	155	104	8
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments	farms	8 195	5 239	6 066	23 030	15 066	3 231	296
	$1,000	55 181	42 361	58 592	342 196	417 893	160 503	24 367
Other farm-related income[1]	farms	2 679	1 778	2 130	8 673	5 836	1 201	93
	$1,000	10 063	6 694	8 842	32 427	30 280	8 824	1 367
Customwork and other agricultural services	farms	1 064	828	1 086	5 002	3 876	809	56
	$1,000	3 775	2 740	4 143	19 050	19 731	5 704	709
Gross cash rent or share payments	farms	701	437	473	1 573	886	224	25
	$1,000	5 389	3 198	4 113	9 989	6 954	2 125	481
Forest products and Christmas trees	farms	59	81	38	120	123	31	6
	$1,000	334	142	30	174	498	199	54
Other farm-related income sources	farms	1 238	815	995	3 811	2 331	499	33
	$1,000	585	614	557	3 213	3 097	796	143
COMMODITY CREDIT CORPORATION LOANS								
Total	farms	4 928	3 345	4 085	17 526	12 373	2 621	227
	$1,000	56 475	45 174	68 070	451 618	627 002	261 242	48 662
Corn	farms	4 847	3 309	4 043	17 361	12 291	2 601	227
	$1,000	47 019	38 024	56 769	370 354	504 019	208 876	38 959
Wheat	farms	3	2	6	21	18	6	1
	$1,000	(D)	(D)	(D)	(D)	58	9	(D)
Soybeans	farms	1 067	727	1 014	4 835	4 349	1 040	91
	$1,000	9 418	7 142	11 267	81 145	122 649	52 293	(D)
Sorghum, barley, and oats	farms	7	3	11	33	17	8	1
	$1,000	3	3	22	74	(D)	64	(D)
Cotton	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	1	1	1	1	1	-	-
	$1,000	(D)	(D)	(D)	(D)	(D)	-	-
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	10 440	6 516	7 099	25 336	15 866	3 399	321
	acres	1 412 028	1 090 023	1 463 531	8 041 586	9 441 073	3 743 269	658 968
Harvested cropland	farms	10 135	6 344	6 979	25 092	15 812	3 391	320
	acres	1 044 566	794 890	1 091 180	6 045 183	7 115 018	2 862 824	510 679
Farms by acres harvested:								
1 to 49 acres		1 001	479	287	481	84	9	1
50 to 99 acres		2 617	1 082	680	961	155	20	1
100 to 199 acres		6 517	4 672	4 849	5 596	609	28	4
200 to 499 acres		-	111	1 163	18 034	9 360	316	21
500 to 999 acres		-	-	-	-	5 604	2 073	46
1,000 to 1,999 acres		-	-	-	-	-	945	169
2,000 acres or more		-	-	-	-	-	-	78
Cropland:								
Pasture or grazing only	farms	3 760	2 621	2 906	10 296	6 487	1 373	117
	acres	136 389	117 816	133 975	667 814	718 832	270 407	43 443
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	3 003	1 910	2 202	8 286	5 386	1 147	103
	acres	95 240	73 021	94 334	510 273	566 465	207 846	28 973
On which all crops failed	farms	177	128	118	361	286	93	9
	acres	3 163	2 899	2 692	9 622	13 180	7 141	920
In cultivated summer fallow	farms	86	88	71	216	149	23	7
	acres	2 266	2 780	3 881	12 525	15 107	2 518	2 207
Idle	farms	4 509	2 702	3 407	13 140	9 205	2 126	206
	acres	130 402	98 617	137 469	796 169	1 012 471	392 533	72 746
Total woodland	farms	2 302	1 880	1 780	6 460	4 159	1 074	124
	acres	81 387	79 251	76 737	380 085	359 669	152 423	38 669
Woodland pastured	farms	1 296	1 128	1 036	3 926	2 504	608	72
	acres	45 088	45 753	44 353	235 385	214 864	84 957	23 192
Woodland not pastured	farms	1 358	1 064	1 025	3 755	2 522	713	72
	acres	36 299	33 498	32 384	144 700	144 805	67 466	15 477

See footnotes at end of table.

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Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured .... farms..	22 415	553	2 283	592	1 381	1 457
acres..	1 452 248	1 919	30 959	13 784	35 147	47 655
Land in house lots, ponds, roads, wasteland, etc. .... farms..	79 586	7 090	7 818	1 854	4 959	4 994
acres..	1 575 586	13 257	45 548	14 546	42 562	50 895
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs .... farms..	69 141	44	1 653	984	3 673	4 166
acres..	3 560 902	50	8 753	8 711	44 003	66 228
Conservation reserve program .... farms..	8 050	1	204	146	498	551
acres..	697 896	(D)	(D)	3 837	17 135	26 383
Value of land and buildings[1] .... farms..	105 184	7 673	11 095	2 799	7 071	7 406
$1,000..	29 829 901	272 887	640 643	203 793	662 361	803 895
Average per farm .... dollars..	283 597	35 565	57 742	72 809	93 673	108 546
Average per acre .... dollars..	947	11 592	2 228	1 229	1 149	923
Farms by value group:						
$1 to $39,999	13 227	5 611	5 009	856	789	552
$40,000 to $69,999	11 020	1 215	3 334	1 037	2 117	1 488
$70,000 to $99,999	9 152	436	1 433	441	2 247	1 385
$100,000 to $149,999	12 468	195	760	261	1 270	2 657
$150,000 to $199,999	9 769	68	253	97	332	799
$200,000 to $499,999	31 637	104	262	84	210	499
$500,000 to $999,999	14 045	27	29	13	90	19
$1,000,000 to $1,999,999	3 466	14	14	9	16	7
$2,000,000 to $4,999,999	380	1	-	1	-	-
$5,000,000 or more	20	2	1	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment .... farms..	104 901	7 639	10 997	2 787	7 032	7 394
$1,000..	5 543 375	150 363	170 891	51 148	155 790	197 146
Farms by value group:						
$1 to $4,999	6 659	1 521	2 232	336	812	546
$5,000 to $9,999	12 672	2 544	4 108	760	1 586	1 271
$10,000 to $19,999	15 609	1 428	2 218	834	1 975	2 042
$20,000 to $49,999	26 782	1 411	1 789	667	1 914	2 439
$50,000 to $99,999	22 911	468	450	159	493	834
$100,000 to $199,999	14 193	203	176	28	234	221
$200,000 to $499,999	3 763	64	22	1	18	41
$500,000 or more	112	-	2	2	-	-
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups .... farms..	93 674	6 290	8 779	2 297	5 669	6 203
number..	143 433	8 010	11 175	2 952	7 454	8 152
Wheel tractors .... farms..	97 120	5 924	9 378	2 526	6 356	6 850
number..	302 392	12 256	15 682	5 409	15 402	18 135
Less than 40 horsepower (PTO) .... farms..	48 200	3 449	5 768	1 372	3 290	3 706
number..	79 062	4 870	9 060	2 130	5 461	6 086
40 horsepower (PTO) or more .... farms..	85 755	3 958	6 097	1 936	5 160	5 890
number..	223 330	7 386	9 622	3 279	9 941	12 049
Grain and bean combines .... farms..	55 575	1 172	1 524	798	2 295	2 736
number..	60 004	1 251	1 673	819	2 467	2 887
Cottonpickers and strippers .... farms..	-	-	-	-	-	-
number..	-	-	-	-	-	-
Mower conditioners .... farms..	29 756	966	1 472	612	1 486	1 858
number..	31 333	1 010	1 547	631	1 561	1 883
Pickup balers .... farms..	40 640	1 330	2 331	897	2 095	2 630
number..	46 867	1 465	2 521	965	2 260	3 162
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer .... farms..	83 051	660	4 715	1 726	5 310	5 946
acres on which used..	13 313 702	2 384	73 731	48 830	205 154	310 634
Lime .... farms..	17 823	53	631	251	882	1 100
acres on which used..	1 219 181	233	8 878	5 711	28 765	37 887
tons..	2 846 406	589	22 056	14 300	69 245	90 914
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops .... farms..	41 361	313	2 090	698	2 211	2 579
acres on which used..	4 910 343	844	29 748	16 310	81 516	109 299
Nematodes in crops .... farms..	2 548	2	121	76	137	173
acres on which used..	267 277	(D)	(D)	1 990	4 888	7 810
Diseases in crops and orchards .... farms..	1 330	66	169	29	117	103
acres on which used..	112 420	119	1 760	1 318	5 518	4 429
Weeds, grass, or brush in crops and pasture .... farms..	70 486	574	4 136	1 439	4 357	4 946
acres on which used..	14 709 093	2 174	68 200	46 926	198 283	313 431
Chemicals for defoliation or for growth control of crops or thinning of fruit .... farms..	1 066	6	76	41	90	117
acres on which used..	120 779	11	1 903	1 007	2 382	6 255

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured .... farms..	2 121	1 465	1 513	5 876	4 071	953	150
acres..	72 561	60 317	65 520	351 514	420 984	205 598	148 310
Land in house lots, ponds, roads, wasteland, etc. .... farms..	7 833	4 804	5 461	19 478	12 376	2 672	247
acres..	95 519	68 421	87 036	451 993	485 489	189 032	34 288
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs .... farms..	7 485	4 833	5 752	22 224	14 843	3 199	285
acres..	159 698	122 069	177 277	1 069 450	1 336 584	493 810	74 269
Conservation reserve program .... farms..	739	524	545	2 235	1 919	602	66
acres..	46 570	37 485	41 502	194 990	210 286	93 512	23 377
Value of land and buildings[1] .... farms..	10 502	6 581	7 272	25 485	15 582	3 395	323
$1,000..	1 627 048	1 190 512	1 607 286	8 569 257	9 642 501	3 841 773	767 945
Average per farm .... dollars..	154 927	180 901	221 024	336 247	618 823	1 131 597	2 377 539
Average per acre .... dollars..	978	914	931	923	921	901	874
Farms by value group:							
$1 to $39,999	201	63	71	75	-	-	-
$40,000 to $69,999	679	378	237	316	19	-	-
$70,000 to $99,999	1 388	673	415	671	62	1	-
$100,000 to $149,999	2 715	1 339	1 255	1 804	205	7	-
$150,000 to $199,999	3 007	1 687	1 049	2 131	343	3	-
$200,000 to $499,999	2 234	2 353	4 120	16 820	4 670	274	7
$500,000 to $999,999	70	80	117	3 591	8 852	1 138	19
$1,000,000 to $1,999,999	7	8	8	74	1 414	1 773	122
$2,000,000 to $4,999,999	-	-	-	2	17	197	162
$5,000,000 or more	1	-	-	1	-	2	13
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment .... farms..	10 472	6 574	7 252	25 464	15 573	3 395	322
$1,000..	353 669	286 361	347 909	1 651 880	1 576 073	546 649	75 495
Farms by value group:							
$1 to $4,999	468	176	162	341	61	3	1
$5,000 to $9,999	1 002	548	324	594	130	5	-
$10,000 to $19,999	2 275	1 358	966	1 967	497	46	3
$20,000 to $49,999	4 367	2 589	3 005	8 061	2 334	188	18
$50,000 to $99,999	1 850	1 352	1 982	9 360	5 316	617	30
$100,000 to $199,999	460	486	740	4 353	5 746	1 436	110
$200,000 to $499,999	48	64	73	776	1 454	1 067	135
$500,000 or more	2	1	-	12	35	33	25
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups .... farms..	9 072	5 918	6 622	24 071	15 091	3 341	321
number..	11 797	8 021	9 139	36 699	29 098	9 557	1 379
Wheel tractors .... farms..	9 777	6 243	6 886	24 385	15 167	3 310	316
number..	27 567	18 794	22 390	84 334	60 932	16 533	1 958
Less than 40 horsepower (PTO) .... farms..	4 836	3 004	3 363	11 038	6 797	1 442	124
number..	7 746	4 768	5 487	18 560	11 772	2 797	325
40 horsepower (PTO) or more .... farms..	8 757	5 707	6 573	23 430	14 664	3 234	309
number..	19 821	14 026	16 903	65 774	49 160	13 736	1 633
Grain and bean combines .... farms..	4 876	3 376	4 439	18 021	13 026	3 023	289
number..	5 111	3 669	4 794	19 080	14 193	3 617	443
Cottonpickers and strippers .... farms..	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-
Mower conditioners .... farms..	2 805	2 355	2 421	8 551	5 660	1 441	129
number..	2 924	2 463	2 531	8 917	6 107	1 590	169
Pickup balers .... farms..	4 230	3 179	3 094	11 561	7 427	1 523	143
number..	4 643	3 679	3 576	13 501	8 999	1 905	191
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer .... farms..	9 132	5 940	6 687	24 100	15 174	3 342	317
acres on which used..	655 974	509 346	712 164	3 914 598	4 587 819	1 922 625	370 463
Lime .... farms..	1 491	1 210	1 432	5 890	3 930	890	63
acres on which used..	63 108	54 633	79 734	402 063	391 527	131 319	15 023
tons..	158 092	131 128	178 856	940 787	902 523	302 769	35 149
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops .... farms..	4 160	3 069	3 279	12 329	8 466	1 955	214
acres on which used..	253 474	207 517	257 920	1 392 159	1 676 643	718 716	166 197
Nematodes in crops .... farms..	273	222	214	760	438	121	11
acres on which used..	14 968	18 104	17 684	79 128	76 260	39 458	4 891
Diseases in crops and orchards .... farms..	182	52	113	237	175	62	5
acres on which used..	10 426	3 687	6 270	24 617	30 208	19 997	4 052
Weeds, grass, or brush in crops and pasture .... farms..	7 799	4 927	5 668	20 508	12 979	2 903	250
acres on which used..	701 791	514 608	747 320	4 309 801	5 232 658	2 190 756	383 145
Chemicals for defoliation or for growth control of crops or thinning of fruit .... farms..	117	72	67	283	147	45	3
acres on which used..	5 854	6 039	5 627	42 161	32 111	17 364	45

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
TENURE AND RACE OF OPERATOR						
All operators	105 180	7 974	10 981	2 901	6 981	7 168
Full owners	48 226	7 158	8 437	1 951	4 777	4 442
Part owners	35 207	143	1 003	408	778	1 188
Tenants	21 747	673	1 541	542	1 426	1 538
White	105 056	7 962	10 958	2 898	6 972	7 159
Full owners	48 162	7 148	8 419	1 948	4 771	4 439
Part owners	35 182	143	1 000	408	777	1 188
Tenants	21 712	671	1 539	542	1 424	1 532
Black and other races	124	12	23	3	9	9
Full owners	64	10	18	3	6	3
Part owners	25	-	3	-	1	-
Tenants	35	2	2	-	2	6
OWNED AND RENTED LAND						
Land owned ... farms	84 315	7 313	9 509	2 382	5 676	5 721
acres	17 021 650	458 441	459 375	208 305	561 269	734 496
Owned land in farms ... farms	83 433	7 301	9 440	2 359	5 555	5 630
acres	15 050 360	20 160	226 809	125 246	414 054	583 300
Land rented or leased from others ... farms	57 231	892	2 566	969	2 233	2 737
acres	16 739 305	15 507	62 073	48 358	160 328	267 393
Rented or leased land in farms ... farms	56 954	816	2 544	950	2 204	2 726
acres	16 587 770	3 301	55 777	44 852	153 909	257 481
Land rented or leased to others ... farms	14 144	2 223	2 448	797	1 272	1 239
acres	2 122 825	450 487	236 862	86 565	153 634	161 108
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	78 710	5 082	7 741	1 887	4 323	4 800
Not on farm operated	20 505	1 919	2 528	817	2 257	1 975
Not reported	5 965	973	712	197	401	393
Operators by principal occupation:						
Farming	75 279	3 181	3 330	1 175	3 608	4 332
Other	29 901	4 793	7 651	1 726	3 373	2 836
Operators by days of work off farm:						
None	51 753	2 240	2 554	820	2 383	2 680
Any	46 229	5 249	7 876	1 930	4 122	3 773
1 to 99 days	13 104	671	794	258	678	705
100 to 199 days	7 197	565	874	248	602	634
200 days or more	25 928	4 013	6 208	1 424	2 842	2 434
Not reported	7 198	485	551	151	476	515
Operators by years on present farm:						
2 years or less	5 787	884	958	266	529	490
3 or 4 years	5 973	860	935	245	503	497
5 to 9 years	13 617	1 558	1 849	448	1 058	981
10 years or more	65 721	2 703	5 568	1 510	3 893	4 219
Average years on present farm	19.7	12.2	14.7	16.4	18.2	19.4
Not reported	14 082	1 969	1 671	432	998	981
Operators by age group:						
Under 25 years	2 852	582	340	111	224	231
25 to 34 years	17 458	1 946	1 658	412	1 065	1 099
35 to 44 years	21 282	1 814	2 489	529	1 148	1 241
45 to 49 years	10 512	734	1 233	314	631	602
50 to 54 years	11 232	635	1 167	308	692	664
55 to 59 years	12 608	560	1 097	297	692	749
60 to 64 years	12 679	604	976	291	753	890
65 to 69 years	7 848	476	837	272	713	742
70 years and over	8 709	623	1 184	367	1 063	950
Average age	49.3	44.7	49.4	50.7	51.8	51.4
Operators by sex:						
Male	101 838	7 570	10 321	2 719	6 618	6 875
Female	3 342	404	660	182	363	293
Operators of Spanish origin (see text)	105	5	12	8	9	6
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) ... farms	89 188	6 623	9 933	2 573	6 179	6 258
acres	25 058 946	20 680	254 785	151 051	503 189	734 148
Partnership ... farms	11 068	1 017	757	255	641	765
acres	3 802 372	1 966	20 467	14 935	51 849	89 937
Corporation:						
Family held ... farms	4 094	226	146	42	99	86
acres	2 568 304	530	3 698	2 363	7 962	9 912
More than 10 stockholders ... farms	81	3	1	-	1	1
10 or less stockholders ... farms	4 013	223	145	42	98	85
Other than family held ... farms	310	52	75	10	20	20
acres	91 558	158	1 717	563	1 599	2 256
More than 10 stockholders ... farms	34	3	4	3	5	2
10 or less stockholders ... farms	276	49	71	7	15	18
Other—cooperative, estate or trust, institutional, etc. ... farms	500	56	70	21	42	39
acres	116 950	127	1 919	1 186	3 384	4 528

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
TENURE AND RACE OF OPERATOR								
All operators		10 506	6 574	7 119	25 378	15 874	3 401	323
Full owners		5 829	3 171	3 010	6 875	2 126	404	46
Part owners		1 828	1 753	2 214	12 331	10 768	2 552	241
Tenants		2 849	1 650	1 895	6 172	2 980	445	36
White		10 496	6 566	7 109	25 355	15 859	3 399	323
Full owners		5 821	3 167	3 009	6 866	2 124	404	46
Part owners		1 827	1 752	2 210	12 324	10 761	2 551	241
Tenants		2 848	1 647	1 890	6 165	2 974	444	36
Black and other races		10	8	10	23	15	2	-
Full owners		8	4	1	9	2	-	-
Part owners		1	1	4	7	7	1	-
Tenants		1	3	5	7	6	1	-
OWNED AND RENTED LAND								
Land owned	farms	7 787	4 987	5 296	19 403	12 982	2 969	290
	acres	1 199 796	879 250	1 072 624	4 743 066	4 530 283	1 744 660	430 083
Owned land in farms	farms	7 657	4 924	5 224	19 206	12 894	2 956	287
	acres	1 050 529	783 773	967 538	4 457 785	4 323 233	1 690 780	407 153
Land rented or leased from others	farms	4 707	3 416	4 121	18 541	13 767	3 003	279
	acres	624 098	523 435	732 177	4 809 734	6 406 582	2 611 070	478 550
Rented or leased land in farms	farms	4 677	3 403	4 109	18 503	13 748	2 997	277
	acres	610 966	514 239	725 285	4 767 393	6 383 962	2 599 542	471 063
Land rented or leased to others	farms	1 171	740	716	2 037	1 193	264	44
	acres	162 401	104 673	111 978	327 622	229 670	65 406	30 417
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		7 317	4 816	5 485	20 705	13 486	2 834	234
Not on farm operated		2 640	1 413	1 312	3 592	1 674	327	51
Not reported		549	345	322	1 081	714	240	38
Operators by principal occupation:								
Farming		7 432	4 990	5 851	22 709	15 105	3 266	300
Other		3 074	1 584	1 268	2 669	769	135	23
Operators by days of work off farm:								
None		4 865	3 294	3 890	15 385	10 707	2 500	235
Any		4 831	2 745	2 709	8 203	4 050	676	65
1 to 99 days		1 256	832	970	3 943	2 527	439	31
100 to 199 days		846	500	559	1 586	676	92	15
200 days or more		2 729	1 413	1 180	2 674	847	145	19
Not reported		810	535	520	1 790	1 117	225	23
Operators by years on present farm:								
2 years or less		671	369	302	933	331	45	9
3 or 4 years		680	387	387	1 026	391	55	7
5 to 9 years		1 453	897	895	2 924	1 321	210	23
10 years or more		6 322	4 101	4 713	17 833	12 113	2 535	211
Average years on present farm		19.9	20.3	21.1	21.7	22.3	23.2	23.4
Not reported		1 380	820	822	2 662	1 718	556	73
Operators by age group:								
Under 25 years		351	178	190	459	170	16	-
25 to 34 years		1 731	1 113	1 182	4 395	2 423	395	39
35 to 44 years		1 812	1 202	1 294	4 917	3 825	936	75
45 to 49 years		880	571	610	2 403	1 988	495	51
50 to 54 years		929	587	708	2 894	2 149	460	39
55 to 59 years		1 148	768	861	3 664	2 264	464	44
60 to 64 years		1 406	866	1 016	3 646	1 821	379	31
65 to 69 years		1 050	627	648	1 575	726	156	26
70 years and over		1 199	662	610	1 425	508	100	18
Average age		50.7	50.3	50.2	49.1	48.0	48.3	49.6
Operators by sex:								
Male		10 146	6 343	6 934	24 933	15 691	3 366	322
Female		360	231	185	445	183	35	1
Operators of Spanish origin (see text)		8	3	5	33	13	2	1
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms	9 121	5 669	6 148	21 731	12 682	2 129	142
	acres	1 442 702	1 119 616	1 461 911	7 890 594	8 471 320	2 642 502	366 448
Partnership	farms	1 144	743	773	2 609	1 728	570	86
	acres	180 602	146 346	184 041	941 945	1 185 938	741 203	243 143
Corporation:								
Family held	farms	151	120	162	909	1 402	663	88
	acres	23 871	23 720	38 372	346 817	1 006 880	854 189	249 990
More than 10 stockholders	farms	9	2	4	24	20	11	5
10 or less stockholders	farms	142	118	158	885	1 382	652	83
Other than family held	farms	21	11	10	32	31	24	4
	acres	3 319	2 169	2 311	11 769	21 943	32 249	11 505
More than 10 stockholders	farms	3	-	3	3	2	5	1
10 or less stockholders	farms	18	11	7	29	29	19	3
Other—cooperative, estate or trust, institutional, etc.	farms	69	31	26	97	31	15	3
	acres	11 001	6 161	6 188	34 053	21 114	20 179	7 130

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS BY SIZE						
1 to 9 acres	7 974	7 974	-	-	-	-
10 to 49 acres	10 981	-	10 981	-	-	-
50 to 69 acres	2 901	-	-	2 901	-	-
70 to 99 acres	6 981	-	-	-	6 981	-
100 to 139 acres	7 168	-	-	-	-	7 168
140 to 179 acres	10 506	-	-	-	-	-
180 to 219 acres	6 574	-	-	-	-	-
220 to 259 acres	7 119	-	-	-	-	-
260 to 499 acres	25 378	-	-	-	-	-
500 to 999 acres	15 874	-	-	-	-	-
1,000 to 1,999 acres	3 401	-	-	-	-	-
2,000 acres or more	323					
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	50 200	327	3 350	1 257	3 704	3 556
Field crops, except cash grains (013)	1 451	60	681	113	183	132
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	1 451	60	681	113	183	132
Vegetables and melons (016)	213	50	88	14	22	9
Fruits and tree nuts (017)	195	42	106	17	14	6
Horticultural specialties (018)	278	133	94	6	13	11
General farms, primarily crop (019)	1 039	32	281	47	68	93
Livestock, except dairy, poultry, and animal specialties (021)	43 979	6 322	5 271	1 270	2 593	2 786
Beef cattle, except feedlots (0212)	10 095	1 400	1 980	575	1 027	1 023
Dairy farms (024)	4 209	239	189	81	205	379
Poultry and eggs (025)	570	186	135	15	42	24
Animal specialties (027)	1 601	558	733	73	79	63
General farms, primarily livestock and animal specialties (029)	1 445	25	51	8	38	109
LIVESTOCK						
Cattle and calves inventory farms	49 469	3 123	3 856	1 207	2 653	3 330
number	4 303 682	127 188	99 821	31 344	78 638	128 294
Farms with—						
1 to 9	4 928	1 018	1 535	245	414	343
10 to 49	19 719	1 397	2 071	833	1 873	2 180
50 to 99	12 289	411	192	102	300	649
100 to 199	8 310	218	41	24	54	137
200 to 499	3 423	66	7	2	11	18
500 or more	800	13	10	1	1	3
Cows and heifers that had calved farms	38 373	1 968	2 632	913	2 111	2 720
number	1 418 633	42 176	28 965	12 436	33 147	54 900
Beef cows farms	32 279	1 612	2 310	798	1 803	2 195
number	1 123 745	33 178	23 347	10 093	26 227	39 131
Farms with—						
1 to 9	5 883	703	1 491	340	617	556
10 to 49	19 651	761	787	447	1 158	1 583
50 to 99	4 965	109	24	10	27	50
100 to 199	1 467	33	5	1	1	3
200 to 499	276	5	2	-	-	3
500 or more	37	1	1	-	-	-
Milk cows farms	7 748	411	418	159	376	631
number	294 888	8 998	5 618	2 345	6 920	15 769
Farms with—						
1 to 4	880	102	171	49	75	79
5 to 9	278	45	50	12	38	30
10 to 49	4 340	218	184	92	247	463
50 to 99	1 955	41	11	6	15	58
100 to 199	272	5	1	-	1	1
200 to 499	22	-	1	-	-	-
500 or more	1	-	-	-	-	-
Heifers and heifer calves farms	38 383	2 155	2 712	883	2 011	2 591
number	1 275 321	36 665	33 617	8 661	22 638	36 392
Steers, steer calves, bulls, and bull calves farms	42 527	2 423	2 976	978	2 210	2 817
number	1 609 728	48 347	37 239	10 225	22 853	37 002
Cattle and calves sold farms	50 509	3 193	3 663	1 207	2 670	3 373
number	3 539 020	108 928	129 440	22 315	50 688	75 135
$1,000	2 124 641	59 129	79 485	10 147	23 550	35 317
Calves farms	16 116	1 101	1 406	519	1 109	1 410
number	355 396	17 752	15 458	6 719	12 271	19 620
$1,000	101 352	5 106	4 142	2 036	3 238	5 163
Cattle farms	43 833	2 652	2 985	976	2 141	2 800
number	3 183 624	91 176	113 982	15 596	38 417	55 515
$1,000	2 023 290	54 023	75 344	8 111	20 311	30 154
Fattened on grain and concentrates farms	22 503	1 323	1 051	337	794	1 026
number	2 405 669	63 119	79 636	6 030	16 529	25 231
$1,000	1 643 176	40 491	53 991	3 503	10 139	15 886

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARMS BY SIZE							
1 to 9 acres	-	-	-	-	-	-	-
10 to 49 acres	-	-	-	-	-	-	-
50 to 69 acres	-	-	-	-	-	-	-
70 to 99 acres	-	-	-	-	-	-	-
100 to 139 acres	-	-	-	-	-	-	-
140 to 179 acres	10 506	-	-	-	-	-	-
180 to 219 acres	-	6 574	-	-	-	-	-
220 to 259 acres	-	-	7 119	-	-	-	-
260 to 499 acres	-	-	-	25 378	-	-	-
500 to 999 acres	-	-	-	-	15 874	-	-
1,000 to 1,999 acres	-	-	-	-	-	3 401	-
2,000 acres or more	-	-	-	-	-	-	323
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	5 627	3 089	3 617	13 619	9 585	2 260	209
Field crops, except cash grains (013)	100	48	34	79	18	1	2
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	100	48	34	79	18	1	2
Vegetables and melons (016)	9	3	4	10	3	1	-
Fruits and tree nuts (017)	3	3	1	1	-	-	-
Horticultural specialties (018)	4	6	1	6	3	1	-
General farms, primarily crop (019)	88	66	55	167	101	16	5
Livestock, except dairy, poultry, and animal specialties (021)	3 753	2 657	2 783	9 761	5 621	1 058	104
Beef cattle, except feedlots (0212)	951	639	498	1 293	579	110	20
Dairy farms (024)	696	537	453	1 114	290	26	-
Poultry and eggs (025)	29	19	21	72	22	4	1
Animal specialties (027)	29	20	10	24	10	2	-
General farms, primarily livestock and animal specialties (029)	168	126	140	525	221	32	2
LIVESTOCK							
Cattle and calves inventory farms	4 676	3 420	3 605	13 057	8 469	1 883	190
number	235 436	201 301	247 814	1 171 439	1 303 665	549 941	128 801
Farms with—							
1 to 9	305	168	183	507	184	23	3
10 to 49	2 583	1 578	1 439	3 944	1 591	221	9
50 to 99	1 371	1 179	1 276	4 439	2 076	281	13
100 to 199	352	442	594	3 231	2 710	479	28
200 to 499	56	49	98	832	1 601	625	56
500 or more	9	4	15	104	307	254	79
Cows and heifers that had calved farms	3 800	2 775	2 858	10 310	6 672	1 458	156
number	96 019	82 894	89 966	404 031	393 932	143 487	36 678
Beef cows farms	2 881	2 073	2 243	8 636	6 167	1 406	155
number	61 735	51 739	60 585	300 216	345 992	135 442	36 060
Farms with—							
1 to 9	529	264	261	805	286	27	4
10 to 49	2 219	1 657	1 748	5 947	2 902	425	17
50 to 99	109	139	220	1 656	2 178	418	25
100 to 199	20	11	11	203	725	414	40
200 to 499	3	2	3	25	88	113	52
500 or more	1	-	-	-	8	9	17
Milk cows farms	1 054	811	745	2 214	814	109	6
number	34 284	31 155	29 381	103 815	47 940	8 045	618
Farms with—							
1 to 4	76	47	59	157	58	8	1
5 to 9	28	17	15	32	9	2	-
10 to 49	754	524	442	1 079	306	31	-
50 to 99	190	211	214	830	333	42	4
100 to 199	6	12	14	110	100	22	-
200 to 499	-	-	1	5	10	4	1
500 or more	-	-	-	1	-	-	-
Heifers and heifer calves farms	3 682	2 687	2 816	10 489	6 723	1 476	158
number	68 889	60 004	77 332	351 306	390 870	156 730	32 397
Steers, steer calves, bulls, and bull calves farms	3 994	2 909	3 125	11 568	7 630	1 720	177
number	70 528	58 403	80 516	416 102	519 063	249 724	59 726
Cattle and calves sold farms	4 818	3 526	3 707	13 459	8 772	1 930	191
number	152 659	121 057	175 080	883 929	1 167 544	538 501	113 744
$1,000	78 177	61 484	97 585	516 961	735 408	351 106	76 292
Calves farms	1 825	1 329	1 272	3 735	1 959	406	45
number	30 722	23 523	29 513	95 214	75 353	25 154	4 097
$1,000	7 886	5 920	7 991	26 711	23 008	8 732	1 420
Cattle farms	4 099	3 026	3 204	11 996	8 003	1 773	176
number	121 937	97 534	145 567	788 715	1 092 191	513 347	109 647
$1,000	70 291	55 564	89 594	490 251	712 401	342 374	74 872
Fattened on grain and concentrates farms	1 813	1 380	1 640	6 820	5 023	1 187	109
number	73 095	56 692	100 974	578 735	876 472	441 734	87 422
$1,000	47 137	36 324	68 143	390 221	607 831	306 342	63 169

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK—Con.						
Hogs and pigs inventory farms	36 670	3 464	2 117	524	1 387	1 827
number	12 983 074	850 261	568 751	113 337	305 249	373 057
Farms with—						
1 to 24	3 530	730	619	144	258	305
25 to 49	2 560	371	288	61	188	230
50 to 99	4 220	522	319	73	232	338
100 to 199	6 766	619	322	97	266	377
200 to 499	11 269	752	333	100	291	407
500 or more	8 325	470	236	49	152	170
Used or to be used for breeding farms	26 944	2 177	1 402	354	990	1 387
number	1 657 873	107 530	97 314	17 845	42 390	55 561
Other farms	35 152	3 218	1 925	480	1 295	1 709
number	11 325 201	742 731	471 437	95 492	262 859	317 496
Hogs and pigs sold farms	36 638	3 841	2 285	554	1 475	1 902
number	23 483 812	1 730 091	1 365 580	235 054	590 665	726 625
$1,000	2 494 231	171 091	109 445	20 676	57 248	70 516
Feeder pigs farms	8 972	1 150	818	196	489	545
number	4 460 979	565 163	707 386	104 965	193 535	230 305
$1,000	209 249	26 045	30 917	4 601	9 118	11 029
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 farms	28 037	2 370	1 497	382	1 050	1 450
number	2 495 867	162 239	149 874	26 278	66 735	82 053
Dec. 1 and May 31 farms	26 110	2 126	1 341	340	950	1 296
number	1 251 973	80 427	74 146	12 964	34 269	40 883
June 1 and Nov. 30 farms	25 992	2 139	1 327	338	935	1 302
number	1 243 894	81 812	75 728	13 314	32 466	41 170
Sheep and lambs of all ages inventory farms	8 636	997	1 348	287	497	586
number	451 617	54 132	52 549	10 002	16 740	25 129
Ewes 1 year old or older farms	8 089	926	1 256	271	470	531
number	280 591	22 698	32 096	6 441	11 454	16 829
Sheep and lambs sold farms	8 806	1 084	1 359	284	502	553
number	607 492	139 963	73 917	9 499	14 400	27 445
Sheep and lambs shorn farms	8 052	935	1 241	267	460	506
number	542 200	135 744	53 642	8 912	15 611	26 103
pounds of wool	2 901 639	270 733	333 712	60 831	106 244	174 632
Horses and ponies inventory farms	11 647	1 138	2 362	433	780	859
number	59 338	5 291	13 179	2 541	4 195	4 684
Horses and ponies sold farms	2 453	388	625	95	182	194
number	9 909	1 171	2 260	447	783	862
Goats inventory farms	1 062	144	265	55	90	89
number	7 387	886	1 879	378	468	455
Goats sold farms	366	65	97	26	32	28
number	3 198	471	932	158	240	555
POULTRY						
Chickens 3 months old or older inventory farms	4 897	514	831	181	452	465
number	9 580 666	1 779 773	1 669 857	141 012	255 054	488 427
Farms with—						
1 to 399	4 456	433	778	170	424	445
400 to 3,199	175	17	12	5	11	10
3,200 to 9,999	93	17	14	1	7	3
10,000 to 19,999	82	21	7	3	7	3
20,000 to 49,999	50	14	10	1	3	1
50,000 to 99,999	25	12	5	1	-	1
100,000 or more	16	-	5	-	-	2
Hens and pullets of laying age farms	4 834	501	822	180	442	457
number	8 212 576	1 370 690	1 335 610	138 455	229 110	375 843
Pullets 3 months old or older not of laying age farms	487	48	88	21	57	53
number	1 368 090	409 083	334 247	2 557	25 944	112 584
Hens and pullets sold farms	908	146	132	24	59	76
number	9 873 596	2 794 217	1 821 769	119 741	334 167	588 795
Broilers and other meat-type chickens sold farms	1 060	186	178	30	59	72
number	666 016	68 133	261 505	26 395	35 927	25 455
Farms with—						
1 to 1,999	1 021	180	170	29	57	70
2,000 to 59,999	38	6	7	1	2	2
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	1	-	1	-	-	-
Turkey hens kept for breeding farms	345	60	84	17	25	29
number	71 889	19 212	22 557	38	76	139
Turkeys sold farms	407	62	77	11	31	24
number	9 594 632	660 752	1 013 640	7 089	750 796	213 106

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
LIVESTOCK—Con.								
Hogs and pigs inventory	farms	3 086	2 272	2 756	10 773	6 953	1 414	97
	number	743 071	615 835	815 272	3 977 551	3 455 029	1 052 475	113 186
Farms with—								
1 to 24		319	184	221	486	221	38	5
25 to 49		291	174	198	499	226	33	1
50 to 99		434	350	353	1 075	454	65	5
100 to 199		708	513	611	2 048	1 062	141	2
200 to 499		953	703	876	3 978	2 448	406	22
500 or more		381	348	497	2 687	2 542	731	62
Used or to be used for breeding	farms	2 316	1 711	2 053	8 225	5 221	1 033	65
	number	104 248	82 096	108 790	497 450	409 895	122 460	12 294
Other	farms	2 947	2 183	2 642	10 463	6 800	1 393	97
	number	638 823	533 739	706 482	3 480 101	3 045 134	930 015	100 892
Hogs and pigs sold	farms	3 232	2 390	2 871	11 239	7 262	1 475	102
	number	1 358 682	1 092 667	1 466 612	6 845 740	5 919 125	1 882 229	210 742
	$1,000	136 950	114 152	156 083	751 392	667 221	215 714	23 743
Feeder pigs	farms	804	543	637	2 293	1 249	238	10
	number	351 870	224 152	257 047	1 007 239	612 648	176 933	29 736
	$1,000	16 657	10 111	12 125	48 749	29 528	8 654	1 714
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30	farms	2 418	1 772	2 136	8 481	5 351	1 063	67
	number	151 599	122 380	160 814	751 251	617 488	185 193	19 963
Dec. 1 and May 31	farms	2 221	1 641	1 982	8 049	5 082	1 021	61
	number	76 947	61 826	82 286	379 096	307 976	91 451	9 702
June 1 and Nov. 30	farms	2 214	1 638	1 959	7 973	5 069	1 013	65
	number	74 652	60 554	78 528	372 155	309 512	93 742	10 261
Sheep and lambs of all ages inventory	farms	772	485	497	1 882	1 093	195	17
	number	39 216	23 185	25 244	106 587	80 225	15 831	777
Ewes 1 year old or older	farms	722	454	460	1 767	1 033	183	16
	number	26 153	13 237	17 282	72 187	51 887	(D)	(D)
Sheep and lambs sold	farms	777	485	505	1 913	1 117	209	18
	number	53 063	24 870	23 061	140 372	81 707	18 474	721
Sheep and lambs shorn	farms	714	455	467	1 764	1 039	189	15
	number	39 309	22 288	24 631	116 286	80 605	18 437	632
	pounds of wool	247 629	142 960	161 909	722 909	555 592	118 219	4 289
Horses and ponies inventory	farms	852	550	554	2 160	1 513	415	51
	number	4 262	3 065	2 477	9 321	7 426	2 418	259
Horses and ponies sold	farms	139	87	111	333	235	59	5
	number	494	305	608	1 328	1 309	335	7
Goats inventory	farms	65	63	52	143	79	17	-
	number	600	279	254	1 310	759	119	-
Goats sold	farms	31	6	17	41	17	4	-
	number	375	26	59	223	133	26	-
POULTRY								
Chickens 3 months old or older inventory	farms	551	263	315	894	366	59	6
	number	553 856	1 060 462	541 638	2 073 654	604 258	412 495	180
Farms with—								
1 to 399		515	231	283	804	317	50	6
400 to 3,199		19	17	15	41	25	3	-
3,200 to 9,999		5	6	10	21	9	-	-
10,000 to 19,999		7	5	2	17	7	3	-
20,000 to 49,999		2	2	2	7	6	2	-
50,000 to 99,999		2	1	1	1	1	-	-
100,000 or more		1	1	2	3	1	1	-
Hens and pullets of laying age	farms	546	260	311	889	383	57	6
	number	550 726	869 771	468 106	2 009 251	473 911	(D)	(D)
Pullets 3 months old or older not of laying age	farms	44	27	34	82	24	8	1
	number	3 130	190 691	73 532	64 403	130 347	(D)	(D)
Hens and pullets sold	farms	97	47	55	182	71	18	1
	number	675 246	509 785	417 503	1 244 357	669 754	(D)	(D)
Broilers and other meat-type chickens sold	farms	82	57	66	233	90	7	-
	number	15 612	13 997	17 401	161 839	36 082	1 670	-
Farms with—								
1 to 1,999		82	56	65	218	87	7	-
2,000 to 59,999		-	1	1	15	3	-	-
60,000 to 99,999		-	-	-	-	-	-	-
100,000 or more		-	-	-	-	-	-	-
Turkey hens kept for breeding	farms	30	21	18	42	14	5	-
	number	2 612	160	2 674	20 245	4 061	115	-
Turkeys sold	farms	25	16	28	88	39	5	1
	number	392 034	346 543	367 072	4 174 045	1 460 980	(D)	(D)

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS HARVESTED							
Corn for grain or seed	farms	83 301	488	4 045	1 698	5 260	5 825
	acres	10 147 051	2 041	52 803	36 224	152 977	227 908
	bushels	1 274 368 346	236 005	5 823 066	4 360 723	17 672 160	26 256 894
Irrigated	farms	453	3	4	5	17	6
	acres	62 099	16	45	159	533	315
Farms by acres harvested:							
1 to 24 acres		11 524	488	3 616	1 050	2 251	1 394
25 to 99 acres		35 086	-	429	648	3 029	4 344
100 to 249 acres		27 186	-	-	-	-	87
250 to 499 acres		7 726	-	-	-	-	-
500 acres or more		1 777	-	-	-	-	-
Corn for silage or green chop	farms	7 934	12	85	56	199	372
	acres	205 176	47	733	526	2 156	4 895
	tons, green	3 251 394	601	10 418	7 237	33 503	68 918
Irrigated	farms	7	-	-	-	-	-
	acres	110	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres		5 508	12	84	51	181	319
25 to 99 acres		2 112	-	1	5	18	53
100 to 249 acres		265	-	-	-	-	-
250 to 499 acres		41	-	-	-	-	-
500 acres or more		8	-	-	-	-	-
Sorghum for grain or seed	farms	108	1	4	1	5	4
	acres	4 376	(D)	(D)	(D)	8	29
	bushels	334 779	(D)	(D)	(D)	477	2 170
Irrigated	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Wheat for grain	farms	1 345	1	34	23	48	69
	acres	31 047	(D)	(D)	386	578	1 042
	bushels	1 180 360	(D)	(D)	13 109	20 896	40 300
Irrigated	farms	2	-	-	-	-	-
	acres	(D)	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres		996	1	34	17	43	58
25 to 99 acres		307	-	-	6	5	9
100 to 249 acres		33	-	-	-	-	2
250 to 499 acres		5	-	-	-	-	-
500 acres or more		2	-	-	-	-	-
Barley for grain	farms	357	1	9	5	20	24
	acres	6 545	(D)	(D)	53	171	320
	bushels	358 125	(D)	(D)	2 562	6 236	13 970
Irrigated	farms	7	-	-	-	-	-
	acres	483	-	-	-	-	-
Oats for grain	farms	25 398	61	661	310	1 068	1 645
	acres	544 907	213	5 660	3 409	12 895	23 287
	bushels	30 918 660	11 866	267 848	160 299	659 983	1 179 372
Irrigated	farms	16	-	-	-	-	2
	acres	484	-	-	-	-	(D)
Farms by acres harvested:							
1 to 24 acres		18 021	61	640	291	991	1 474
25 to 99 acres		7 125	-	21	19	77	171
100 to 249 acres		238	-	-	-	-	-
250 to 499 acres		13	-	-	-	-	-
500 acres or more		1	-	-	-	-	-
Soybeans for beans	farms	68 278	210	2 420	1 140	3 861	4 221
	acres	7 903 395	1 019	34 320	25 880	109 887	150 757
	bushels	326 081 351	43 890	1 324 555	991 410	4 331 498	5 956 960
Irrigated	farms	221	1	5	10	9	4
	acres	20 304	(D)	103	213	188	130
Farms by acres harvested:							
1 to 24 acres		10 200	210	2 114	677	1 557	1 338
25 to 99 acres		28 626	-	306	463	2 304	2 849
100 to 249 acres		22 245	-	-	-	-	34
250 to 499 acres		6 197	-	-	-	-	-
500 acres or more		1 010	-	-	-	-	-
Irish potatoes	farms	104	9	28	2	8	10
	acres	1 998	3	47	(D)	20	18
	cwt	336 981	366	10 619	(D)	3 757	2 672
Irrigated	farms	20	-	7	-	-	1
	acres	1 158	-	21	-	-	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	48 271	490	3 631	1 184	2 802	3 554
	acres	1 968 207	1 669	35 682	18 301	52 252	82 567
	tons, dry	5 612 944	4 179	85 789	43 608	128 780	212 239
Irrigated	farms	45	3	5	1	4	5
	acres	1 216	4	(D)	(D)	70	84
Farms by acres harvested:							
1 to 24 acres		22 645	490	3 449	989	2 096	2 276
25 to 99 acres		21 233	-	182	194	704	1 249
100 to 249 acres		4 085	-	-	1	2	29
250 to 499 acres		278	-	-	-	-	-
500 acres or more		30	-	-	-	-	-
Alfalfa hay	farms	41 883	423	3 068	993	2 347	3 027
	acres	1 380 550	1 425	28 552	13 853	38 685	61 345
	tons, dry	4 444 233	3 792	74 610	36 369	105 260	174 768
Irrigated	farms	31	1	4	1	3	3
	acres	641	(D)	30	(D)	54	37

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
CROPS HARVESTED								
Corn for grain or seed	farms	9 457	5 978	6 709	24 507	15 645	3 358	311
	acres	493 179	381 932	525 561	2 935 364	3 574 571	1 488 999	273 492
	bushels	59 408 861	45 541 332	63 886 498	364 703 566	456 163 398	194 303 207	36 030 554
Irrigated	farms	18	10	36	90	158	85	18
	acres	747	574	2 350	8 895	22 730	18 552	7 183
Farms by acres harvested:								
1 to 24 acres		1 075	577	330	628	108	7	-
25 to 99 acres		7 974	4 619	4 750	8 047	1 160	78	10
100 to 249 acres		408	782	1 626	15 270	8 588	405	20
250 to 499 acres		-	-	3	562	5 479	1 641	41
500 acres or more		-	-	-	-	310	1 227	240
Corn for silage or green chop	farms	758	622	660	2 614	1 946	539	71
	acres	11 494	10 234	11 554	59 907	65 093	29 843	8 694
	tons, green	181 624	154 124	171 977	940 967	1 053 186	490 064	138 773
Irrigated	farms	-	-	1	3	2	1	-
	acres	-	-	(D)	50	(D)	(D)	-
Farms by acres harvested:								
1 to 24 acres		627	518	519	1 877	1 114	199	7
25 to 99 acres		127	98	134	671	712	263	30
100 to 249 acres		4	6	7	64	97	59	28
250 to 499 acres		-	-	-	2	23	13	3
500 acres or more		-	-	-	-	-	5	3
Sorghum for grain or seed	farms	8	9	7	30	19	17	3
	acres	141	187	163	967	609	1 746	407
	bushels	13 610	19 060	10 400	56 464	45 520	148 152	32 614
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Wheat for grain	farms	92	69	95	392	372	132	18
	acres	1 398	1 113	1 645	7 613	9 129	5 562	2 290
	bushels	57 161	38 061	55 303	284 016	365 566	194 744	100 156
Irrigated	farms	-	-	1	-	-	1	-
	acres	-	-	(D)	-	-	(D)	-
Farms by acres harvested:								
1 to 24 acres		77	54	76	306	260	67	5
25 to 99 acres		15	14	18	77	103	53	7
100 to 249 acres		-	1	1	8	8	10	3
250 to 499 acres		-	-	-	1	1	1	2
500 acres or more		-	-	-	-	-	1	1
Barley for grain	farms	36	39	25	142	40	16	-
	acres	591	539	331	2 756	943	751	-
	bushels	28 431	32 103	17 937	147 326	55 668	50 880	-
Irrigated	farms	1	-	1	4	-	1	-
	acres	(D)	-	(D)	191	-	(D)	-
Oats for grain	farms	2 997	2 092	2 333	8 480	4 814	881	56
	acres	48 997	37 180	45 003	188 896	139 561	35 396	4 410
	bushels	2 716 796	2 057 300	2 550 338	10 928 118	8 106 008	2 040 874	237 858
Irrigated	farms	2	-	5	5	1	1	-
	acres	(D)	-	58	108	(D)	(D)	-
Farms by acres harvested:								
1 to 24 acres		2 525	1 649	1 728	5 615	2 679	356	12
25 to 99 acres		468	441	599	2 822	2 015	464	28
100 to 249 acres		4	2	6	42	113	57	14
250 to 499 acres		-	-	-	1	6	4	2
500 acres or more		-	-	-	-	1	-	-
Soybeans for beans	farms	7 275	4 507	5 426	21 285	14 462	3 177	294
	acres	368 086	258 238	389 041	2 339 439	2 865 773	1 149 351	191 104
	bushels	14 903 224	10 420 128	15 794 011	96 227 721	119 742 710	48 408 010	7 937 234
Irrigated	farms	17	2	15	51	68	33	6
	acres	838	(D)	723	4 045	7 292	5 169	1 511
Farms by acres harvested:								
1 to 24 acres		1 319	755	573	1 286	325	44	2
25 to 99 acres		5 833	3 390	3 349	7 719	2 189	204	20
100 to 249 acres		123	362	1 504	12 145	7 397	641	39
250 to 499 acres		-	-	-	135	4 508	1 507	47
500 acres or more		-	-	-	-	43	781	186
Irish potatoes	farms	10	2	7	16	8	2	2
	acres	35	(D)	87	146	856	(D)	(D)
	cwt	8 073	(D)	6 442	29 139	146 880	(D)	(D)
Irrigated	farms	1	-	2	1	5	2	1
	acres	(D)	-	(D)	(D)	226	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	5 091	3 606	3 803	13 619	8 519	1 791	181
	acres	144 782	124 398	139 452	608 058	544 567	182 849	33 630
	tons, dry	403 773	347 651	395 716	1 756 501	1 606 620	532 265	95 823
Irrigated	farms	4	1	4	5	10	3	-
	acres	54	(D)	115	126	245	402	-
Farms by acres harvested:								
1 to 24 acres		2 683	1 567	1 571	4 929	2 271	310	14
25 to 99 acres		2 337	1 927	2 082	7 428	4 342	730	58
100 to 249 acres		71	112	147	1 231	1 807	620	65
250 to 499 acres		-	-	3	31	95	116	33
500 acres or more		-	-	-	-	4	15	11
Alfalfa hay	farms	4 399	3 146	3 330	11 980	7 493	1 541	136
	acres	106 857	90 104	98 973	428 930	371 289	119 066	21 451
	tons, dry	333 362	282 499	318 370	1 399 703	1 248 632	396 245	70 603
Irrigated	farms	2	-	3	5	8	1	-
	acres	(D)	-	71	121	92	(D)	-

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS HARVESTED—Con.						
Vegetables harvested for sale (see text) .... farms..	64	-	6	3	7	3
acres..	11	-	-	-	-	1
Irrigated .... farms..	2	-	-	-	-	-
acres..	80	19	26	7	7	3
Farms by acres harvested:						
0.1 to 4.9 acres	104	7	37	20	3	3
5.0 to 24.9 acres	13	4	4	2	2	1
25.0 to 99.9 acres	10	1	5	(D)	(D)	(D)
100.0 to 249.9 acres	30	3	8	4	4	1
250.0 acres or more	236	(Z)	5	2	1	(D)
Land in orchards .... farms..	21	-	4	4	5	1
acres..	1	-	-	-	-	-
Irrigated .... farms..	-	-	-	-	-	-
acres..	458	53	176	29	39	40
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	2 486	92	762	269	391	135
5.0 to 24.9 acres	11 270 927	239 863	4 606 430	1 443 649	1 587 700	486 173
25.0 to 99.9 acres	77	11	36	4	8	4
100.0 to 249.9 acres	29	2	9	1	11	1
250.0 acres or more	18 728	187	9 855	450	780	386

See footnotes at end of table.

Table 51. **Summary by Size of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text)	farms	5	1	5	14	16	4	-
	acres	-	1	1	3	4	1	-
Irrigated	farms	-	-	-	1	-	1	-
	acres	6	-	-	6	3	1	-
Farms by acres harvested:								
0.1 to 4.9 acres		31	-	-	2	(D)	(D)	-
5.0 to 24.9 acres		-	-	-	-	-	-	-
25.0 to 99.9 acres		-	-	-	-	-	-	-
100.0 to 249.9 acres		1	-	1	3	4	1	-
250.0 acres or more		(D)	-	(D)	1	148	(D)	-
Land in orchards	farms	1	4	-	1	1	-	-
	acres	-	-	-	-	-	1	-
Irrigated	farms	-	-	-	-	-	-	-
	acres	18	18	14	43	22	4	2
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		73	211	53	149	90	(D)	(D)
5.0 to 24.9 acres		577 960	1 156 998	47 260	902 104	55 225	(D)	(D)
25.0 to 99.9 acres		6	2	1	4	1	-	-
100.0 to 249.9 acres		5	(D)	(D)	1	(D)	-	-
250.0 acres or more		6 635	(D)	(D)	220	(D)	-	-

[1] Data are based on a sample of farms.

[2] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
			$1,000,000 or more	Total				
FARMS AND LAND IN FARMS								
Farms	number	105 180	410	1 630	4 957	20 200	20 656	5 996
	percent	100.0	.4	1.5	4.7	19.2	19.6	5.7
Land in farms	acres	31 638 130	467 861	1 573 526	3 780 793	10 723 255	7 445 295	1 604 284
Average size of farm	acres	301	1 141	965	763	531	360	268
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms	105 180	410	1 630	4 957	20 200	20 656	5 996
	$1,000	8 926 799	840 349	1 643 439	1 659 468	3 103 103	1 493 083	267 940
Average per farm	dollars	84 872	2 049 632	1 008 245	334 773	153 619	72 283	44 686
Farms by value of sales:								
Less than $1,000 (see text)		3 782	-	-	-	-	-	-
$1,000 to $2,499		5 017	-	-	-	-	-	-
$2,500 to $4,999		5 498	-	-	-	-	-	-
$5,000 to $9,999		8 252	-	-	-	-	-	-
$10,000 to $19,999		12 427	-	-	-	-	-	-
$20,000 to $24,999		5 009	-	-	-	-	-	-
$25,000 to $39,999		11 756	-	-	-	-	-	-
$40,000 to $49,999		5 996	-	-	-	-	-	5 996
$50,000 to $99,999		20 656	-	-	-	-	20 656	-
$100,000 to $249,999		20 200	-	-	-	20 200	-	-
$250,000 to $499,999		4 957	-	-	4 957	-	-	-
$500,000 to $999,999		1 220	-	1 220	-	-	-	-
$1,000,000 or more		410	410	410	-	-	-	-
Grains	farms	81 042	311	1 323	4 420	18 329	18 396	5 183
	$1,000	3 563 323	55 272	202 169	538 005	1 389 439	832 000	160 296
Sales of $50,000 or more	farms	23 982	206	916	3 157	11 201	8 708	-
	$1,000	2 507 136	52 744	192 066	505 510	1 214 421	595 139	-
Corn for grain	farms	72 356	217	989	3 764	16 457	17 000	4 838
	$1,000	1 961 527	34 975	120 957	309 060	759 001	445 709	86 574
Wheat	farms	1 188	8	42	97	321	293	67
	$1,000	2 726	(D)	219	376	845	687	108
Soybeans	farms	68 166	267	1 190	4 048	16 620	16 594	4 603
	$1,000	1 573 168	19 689	79 723	225 387	620 398	379 752	72 303
Sorghum for grain	farms	57	2	3	5	8	9	5
	$1,000	477	(D)	(D)	53	162	45	18
Barley	farms	81	-	2	7	21	19	6
	$1,000	116	-	(D)	6	35	40	4
Oats	farms	11 842	35	198	759	3 348	2 929	743
	$1,000	19 604	167	748	2 060	6 717	4 715	1 007
Other grains	farms	677	7	31	70	212	157	42
	$1,000	5 705	165	391	1 063	2 280	1 052	281
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	12 947	51	207	674	2 733	2 551	742
	$1,000	46 480	2 092	3 756	4 341	13 313	9 204	2 499
Sales of $50,000 or more	farms	30	5	9	6	10	5	-
	$1,000	3 365	1 466	1 828	368	875	295	-
Vegetables, sweet corn, and melons	farms	596	2	7	23	86	75	21
	$1,000	7 541	(D)	1 299	1 254	2 297	982	192
Sales of $50,000 or more	farms	30	-	3	6	17	4	-
	$1,000	4 384	-	1 247	1 050	1 814	272	-
Fruits, nuts, and berries	farms	371	2	3	9	32	32	17
	$1,000	2 853	(D)	(D)	(D)	1 140	408	192
Sales of $50,000 or more	farms	13	-	-	-	8	5	-
	$1,000	1 390	-	-	-	1 078	312	-
Nursery and greenhouse crops	farms	357	5	17	22	49	47	18
	$1,000	38 241	13 410	21 119	6 169	6 186	2 419	592
Sales of $50,000 or more	farms	111	5	17	19	41	34	-
	$1,000	35 714	13 410	21 119	6 148	6 140	2 307	-
Other crops	farms	99	-	1	9	13	8	4
	$1,000	1 678	-	(D)	(D)	218	137	5
Sales of $50,000 or more	farms	7	-	1	4	1	1	-
	$1,000	1 259	-	(D)	819	(D)	(D)	-
Poultry and poultry products	farms	3 643	42	131	176	607	664	203
	$1,000	192 229	98 263	139 024	25 778	19 147	5 687	580
Sales of $50,000 or more	farms	426	40	115	105	145	61	-
	$1,000	186 495	(D)	138 953	25 442	17 898	4 202	-
Dairy products	farms	7 048	9	54	378	2 462	2 275	538
	$1,000	392 284	3 660	13 749	50 610	196 032	97 414	14 712
Sales of $50,000 or more	farms	3 165	7	49	338	1 930	848	-
	$1,000	294 998	(D)	13 556	49 304	178 762	53 376	-
Cattle and calves	farms	50 509	312	1 178	3 003	11 202	10 658	2 870
	$1,000	2 124 641	535 737	864 655	389 515	459 422	208 835	40 250
Sales of $50,000 or more	farms	7 178	304	1 070	1 992	3 265	851	-
	$1,000	1 590 392	535 596	862 231	367 788	306 843	53 530	-

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
FARMS AND LAND IN FARMS							
Farms	number	11 756	5 009	12 427	8 252	5 498	8 799
	percent	11.2	4.8	11.8	7.8	5.2	8.4
Land in farms	acres	2 537 071	859 245	1 634 730	749 253	333 099	397 579
Average size of farm	acres	216	172	132	91	61	45
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	farms	11 756	5 009	12 427	8 252	5 498	8 799
	$1,000	375 819	112 042	182 050	60 139	20 091	9 626
Average per farm	dollars	31 968	22 368	14 650	7 288	3 654	1 094
Farms by value of sales:							
Less than $1,000 (see text)		-	-	-	-	-	3 782
$1,000 to $2,499		-	-	-	-	-	5 017
$2,500 to $4,999		-	-	-	-	5 498	-
$5,000 to $9,999		-	-	-	8 252	-	-
$10,000 to $19,999		-	-	12 427	-	-	-
$20,000 to $24,999		-	5 009	-	-	-	-
$25,000 to $39,999		11 756	-	-	-	-	-
$40,000 to $49,999		-	-	-	-	-	-
$50,000 to $99,999		-	-	-	-	-	-
$100,000 to $249,999		-	-	-	-	-	-
$250,000 to $499,999		-	-	-	-	-	-
$500,000 to $999,999		-	-	-	-	-	-
$1,000,000 or more		-	-	-	-	-	-
Grains	farms	9 968	4 066	9 283	4 942	2 558	2 554
	$1,000	231 465	67 743	103 617	27 839	7 508	3 241
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Corn for grain	farms	9 303	3 758	8 408	4 229	1 914	1 696
	$1,000	124 090	37 289	56 896	15 737	4 269	1 946
Wheat	farms	104	33	119	65	25	22
	$1,000	160	43	154	98	26	10
Soybeans	farms	8 718	3 369	7 344	3 315	1 406	959
	$1,000	104 945	29 702	45 269	11 539	3 013	1 137
Sorghum for grain	farms	9	3	7	3	3	2
	$1,000	44	(D)	7	(D)	(D)	(D)
Barley	farms	7	1	11	1	1	5
	$1,000	11	(D)	10	(D)	(D)	(D)
Oats	farms	1 369	506	1 056	496	222	216
	$1,000	1 880	631	1 134	404	174	133
Other grains	farms	60	22	36	26	11	10
	$1,000	335	69	149	55	18	12
Cotton and cottonseed	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Hay, silage, and field seeds	farms	1 349	583	1 398	920	602	1 188
	$1,000	4 510	1 810	3 580	1 780	916	772
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Vegetables, sweet corn, and melons	farms	43	21	83	75	88	74
	$1,000	359	125	511	306	171	45
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Fruits, nuts, and berries	farms	25	15	53	57	53	75
	$1,000	277	150	266	182	117	55
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Nursery and greenhouse crops	farms	25	18	45	45	38	33
	$1,000	638	315	432	241	91	40
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Other crops	farms	5	4	21	18	9	7
	$1,000	16	5	78	30	12	4
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Poultry and poultry products	farms	383	150	406	301	231	391
	$1,000	656	312	513	246	138	148
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Dairy products	farms	686	215	320	63	30	27
	$1,000	13 490	2 914	3 020	272	47	24
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Cattle and calves	farms	5 420	2 266	5 573	3 827	2 408	2 104
	$1,000	65 649	22 644	43 954	19 872	7 089	2 756
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
			$1,000,000 or more	Total				
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs	farms	38 638	208	1 080	3 858	12 762	9 332	2 107
	$1,000	2 494 231	119 027	380 382	638 004	1 005 016	326 603	48 047
Sales of $50,000 or more	farms	15 528	201	1 000	3 284	8 808	2 436	-
	$1,000	2 058 777	118 837	378 159	626 243	897 094	157 282	-
Sheep, lambs, and wool	farms	8 922	15	73	336	1 448	1 553	474
	$1,000	46 157	12 786	13 847	4 517	8 530	6 429	1 638
Sales of $50,000 or more	farms	77	5	7	20	33	17	-
	$1,000	21 114	(D)	13 573	3 109	3 290	1 142	-
Other livestock and livestock products (see text)	farms	3 417	4	23	88	357	423	163
	$1,000	17 139	12	3 089	2 389	2 363	2 966	936
Sales of $50,000 or more	farms	60	-	5	8	16	31	-
	$1,000	8 848	-	3 046	2 189	1 677	1 937	-
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses	farms	105 184	410	1 630	4 417	20 634	20 700	5 909
	$1,000	6 647 645	706 585	1 338 199	1 079 240	2 242 358	1 095 796	203 858
Average per farm	dollars	63 200	1 723 379	820 981	244 338	108 673	52 937	34 500
Livestock and poultry purchased	farms	46 066	388	1 521	3 485	13 196	10 264	2 421
	$1,000	1 358 161	361 952	585 357	246 804	326 837	123 507	19 155
Farms with expenses of—								
$1 to $4,999		20 805	2	42	513	3 693	4 138	1 171
$5,000 to $24,999		14 932	12	106	672	4 582	4 624	1 177
$25,000 to $99,999		7 811	19	218	1 304	4 657	1 491	73
$100,000 or more		2 428	355	1 155	996	264	11	-
Feed for livestock and poultry	farms	64 752	393	1 566	3 949	16 732	14 031	3 431
	$1,000	1 101 866	166 213	309 334	210 461	376 885	131 289	19 664
Farms with expenses of—								
$1 to $4,999		31 369	-	8	144	2 443	5 077	1 843
$5,000 to $24,999		22 076	5	76	866	8 180	8 209	1 563
$25,000 to $99,999		9 846	49	560	2 461	6 048	745	25
$100,000 or more		1 461	339	922	478	61	-	-
Commercially mixed formula feeds	farms	33 282	262	980	2 337	9 473	7 698	1 865
	$1,000	475 104	82 212	150 160	69 143	153 587	54 322	8 523
Farms with expenses of—								
$1 to $4,999		17 634	5	27	204	2 396	3 891	1 234
$5,000 to $24,999		11 352	21	182	896	5 059	3 552	616
$25,000 to $79,999		3 545	79	342	1 005	1 930	253	15
$80,000 or more		751	157	429	232	88	2	-
Seeds, bulbs, plants, and trees	farms	88 807	369	1 489	4 254	20 006	19 625	5 582
	$1,000	308 197	8 268	21 634	40 045	116 611	70 815	14 127
Farms with expenses of—								
$1 to $999		23 074	7	31	74	564	1 284	720
$1,000 to $4,999		45 976	70	266	977	9 178	14 007	4 476
$5,000 to $24,999		19 426	228	1 037	3 078	10 214	4 333	386
$25,000 or more		331	64	155	125	50	1	-
Commercial fertilizer	farms	83 067	351	1 451	4 192	19 587	18 998	5 310
	$1,000	467 355	10 117	32 374	65 984	186 286	104 695	20 843
Farms with expenses of—								
$1 to $4,999		51 929	31	143	514	5 319	10 374	3 826
$5,000 to $24,999		29 100	173	849	2 944	13 522	8 547	1 470
$25,000 to $49,999		1 788	93	342	640	706	76	14
$50,000 or more		250	54	117	94	38	1	-
Agricultural chemicals	farms	86 631	357	1 460	4 165	19 689	19 175	5 432
	$1,000	309 894	6 867	21 128	41 386	120 810	68 768	13 355
Farms with expenses of—								
$1 to $4,999		66 563	66	314	1 202	9 770	14 447	4 882
$5,000 to $24,999		19 490	210	951	2 783	9 748	4 717	550
$25,000 to $49,999		514	57	156	161	165	11	-
$50,000 or more		64	24	39	19	6	-	-
Petroleum products	farms	100 939	401	1 609	4 395	20 482	20 460	5 835
	$1,000	315 061	9 487	24 678	39 728	114 897	69 632	14 431
Farms with expenses of—								
$1 to $4,999		81 446	21	180	932	10 213	16 823	5 449
$5,000 to $24,999		19 169	279	1 235	3 375	10 227	3 637	386
$25,000 to $49,999		274	75	156	77	41	-	-
$50,000 or more		50	26	38	11	1	-	-
Gasoline and gasohol	farms	67 982	352	1 407	3 864	18 276	17 978	5 084
	$1,000	105 047	2 340	6 398	10 216	33 053	23 681	5 406
Diesel fuel	farms	73 400	367	1 191	4 132	19 127	18 314	4 891
	$1,000	136 878	4 026	11 202	19 193	54 246	30 374	6 157
Natural gas	farms	5 064	42	159	374	1 541	1 240	249
	$1,000	6 637	775	1 253	977	2 293	1 301	220
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms	86 862	398	1 601	4 377	20 330	20 009	5 543
	$1,000	66 500	2 344	5 826	9 341	25 305	14 276	2 648

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs	farms	3 281	1 176	2 492	1 404	739	607
	$1,000	54 811	14 379	21 758	6 643	1 936	653
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Sheep, lambs, and wool	farms	909	389	1 088	774	761	1 137
	$1,000	2 837	1 176	2 789	1 813	1 380	1 201
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Other livestock and livestock products (see text)	farms	254	136	382	361	363	867
	$1,000	1 111	466	1 530	814	687	687
Sales of $50,000 or more	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses	farms	11 849	4 914	12 594	8 587	5 200	8 750
	$1,000	292 198	96 315	168 420	69 318	28 903	33 039
Average per farm	dollars	24 660	19 600	13 373	8 072	5 558	3 776
Livestock and poultry purchased	farms	4 126	1 577	3 663	2 207	1 388	2 218
	$1,000	25 049	7 210	12 841	6 382	2 524	2 385
Farms with expenses of—							
$1 to $4,999		2 355	1 011	2 616	1 891	1 313	2 150
$5,000 to $24,999		1 711	565	1 038	315	75	67
$25,000 to $99,999		60	1	6	-	-	1
$100,000 or more		-	-	1	1	-	-
Feed for livestock and poultry	farms	6 411	2 376	6 018	3 994	2 404	3 840
	$1,000	25 294	6 953	12 533	4 794	2 046	2 613
Farms with expenses of—							
$1 to $4,999		4 441	1 867	5 376	3 969	2 394	3 807
$5,000 to $24,999		1 963	509	642	25	10	33
$25,000 to $99,999		7	-	-	-	-	-
$100,000 or more		-	-	-	-	-	-
Commercially mixed formula feeds	farms	3 191	1 033	2 739	1 481	975	1 510
	$1,000	10 012	2 129	4 810	1 214	545	659
Farms with expenses of—							
$1 to 4,999		2 497	920	2 507	1 481	975	1 502
$5,000 to $24,999		694	113	232	-	-	8
$25,000 to $79,999		-	-	-	-	-	-
$80,000 or more		-	-	-	-	-	-
Seeds, bulbs, plants, and trees	farms	10 833	4 335	10 586	5 899	2 825	3 373
	$1,000	21 309	6 778	11 081	3 739	1 236	821
Farms with expenses of—							
$1 to $999		2 319	1 337	5 837	4 928	2 653	3 327
$1,000 to $4,999		8 213	2 931	4 739	971	172	46
$5,000 to $24,999		301	67	10	-	-	-
$25,000 or more		-	-	-	-	-	-
Commercial fertilizer	farms	10 041	3 953	9 664	4 941	2 313	2 617
	$1,000	26 304	8 544	14 376	4 780	1 645	1 323
Farms with expenses of—							
$1 to $4,999		8 792	3 676	9 501	4 885	2 290	2 609
$5,000 to $24,999		1 249	277	163	56	23	-
$25,000 to $49,999		-	-	-	-	-	8
$50,000 or more		-	-	-	-	-	-
Agricultural chemicals	farms	10 297	4 284	10 203	5 683	2 788	3 435
	$1,000	20 896	6 857	11 287	3 420	1 108	880
Farms with expenses of—							
$1 to $4,999		9 750	4 201	10 100	5 674	2 788	3 435
$5,000 to $24,999		546	83	103	9	-	-
$25,000 to $49,999		1	-	-	-	-	-
$50,000 or more		-	-	-	-	-	-
Petroleum products	farms	11 457	4 706	12 053	8 214	4 772	6 954
	$1,000	21 294	6 891	12 985	5 681	2 470	2 374
Farms with expenses of—							
$1 to $4,999		11 194	4 679	12 043	8 207	4 772	6 954
$5,000 to $24,999		263	29	10	7	-	-
$25,000 to $49,999		-	-	-	-	-	-
$50,000 or more		-	-	-	-	-	-
Gasoline and gasohol	farms	9 851	3 951	10 302	6 980	4 236	6 053
	$1,000	9 378	3 306	7 315	3 429	1 584	1 580
Diesel fuel	farms	8 850	3 232	6 759	3 423	1 427	1 754
	$1,000	7 793	2 354	3 559	1 224	392	385
Natural gas	farms	412	171	484	203	126	105
	$1,000	220	81	209	34	32	17
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms	10 616	4 141	9 683	5 063	2 545	2 954
	$1,000	3 903	1 150	2 202	994	462	393

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
			$1,000,000 or more	Total				
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity	farms	90 255	403	1 596	4 345	19 951	19 377	5 328
	$1,000	126 591	4 958	12 108	16 921	44 182	25 539	5 529
Farms with expenses of—								
$1 to $999		47 918	7	84	260	3 414	7 855	2 928
$1,000 to $4,999		39 358	137	757	2 986	15 565	11 422	2 376
$5,000 to $24,999		2 896	222	694	1 090	959	100	26
$25,000 or more		83	37	61	9	13	-	-
Hired farm labor	farms	49 121	396	1 576	3 710	14 394	11 637	2 679
	$1,000	282 515	36 461	84 335	77 486	78 360	26 862	4 364
Farms with expenses of—								
$1 to $4,999		37 600	22	60	461	9 817	10 059	2 433
$5,000 to $24,999		8 880	80	559	2 166	4 058	1 497	246
$25,000 to $99,999		2 443	191	782	1 062	517	81	-
$100,000 or more		186	103	175	21	2	-	-
Contract labor	farms	8 078	79	321	736	2 322	1 624	395
	$1,000	21 032	1 616	3 960	4 447	5 696	3 768	605
Farms with expenses of—								
$1 to $999		3 846	7	21	113	762	755	241
$1,000 to $4,999		3 123	20	97	328	1 236	680	125
$5,000 to $24,999		1 032	36	171	272	318	173	29
$25,000 or more		77	16	32	23	6	16	-
Repair and maintenance	farms	91 920	405	1 612	4 336	20 004	19 546	5 386
	$1,000	407 270	14 071	36 031	53 548	148 419	86 343	17 180
Farms with expenses of—								
$1 to $4,999		63 247	19	147	659	6 659	12 644	4 356
$5,000 to $24,999		27 602	173	962	3 334	13 146	6 877	1 030
$25,000 to $49,999		905	131	372	317	190	25	-
$50,000 or more		166	82	131	26	9	-	-
Customwork, machine hire, and rental of machinery and equipment	farms	57 354	275	1 067	2 878	13 352	12 287	3 407
	$1,000	133 395	3 272	8 051	12 717	40 987	30 446	7 111
Farms with expenses of—								
$1 to $999		25 122	17	137	592	4 029	4 722	1 422
$1,000 to $4,999		25 700	104	495	1 514	7 101	6 017	1 713
$5,000 to $24,999		6 238	118	395	725	2 105	1 479	272
$25,000 or more		294	36	60	47	117	69	-
Interest expense	farms	67 262	391	1 555	3 940	17 270	15 283	3 785
	$1,000	579 338	27 844	71 750	93 114	223 758	102 646	17 626
Farms with expenses of—								
$1 to $4,999		37 493	19	134	606	5 296	8 132	2 362
$5,000 to $24,999		24 442	82	496	1 893	9 478	6 720	1 400
$25,000 to $99,999		5 121	209	771	1 401	2 485	430	23
$100,000 or more		206	81	154	40	11	1	-
Secured by real estate	farms	44 371	315	1 255	3 094	12 099	9 417	2 188
	$1,000	390 226	15 267	43 655	62 302	153 277	67 726	11 747
Farms with expenses of—								
$1 to $999		6 684	8	30	78	639	995	333
$1,000 to $4,999		16 369	19	126	488	2 867	3 575	911
$5,000 to $24,999		17 889	101	495	1 631	6 967	4 570	929
$25,000 or more		3 429	187	604	897	1 626	277	15
Not secured by real estate	farms	41 208	274	1 037	2 506	11 324	9 876	2 422
	$1,000	189 113	12 577	28 096	30 812	70 481	34 921	6 078
Farms with expenses of—								
$1 to $999		13 476	3	20	149	1 828	2 595	905
$1,000 to $4,999		16 664	12	124	568	4 486	4 888	1 160
$5,000 to $24,999		10 034	92	483	1 479	4 709	2 380	357
$25,000 or more		1 034	167	410	310	301	13	-
Cash rent	farms	41 375	266	1 143	3 149	13 399	10 522	2 548
	$1,000	492 800	13 247	41 023	75 906	207 508	105 429	19 341
Farms with expenses of—								
$1 to $4,999		15 835	27	122	423	3 305	3 620	1 165
$5,000 to $9,999		8 684	24	155	487	2 611	2 684	543
$10,000 to $24,999		11 593	72	320	1 139	4 805	3 338	798
$25,000 or more		5 263	143	546	1 100	2 678	880	42
Property taxes	farms	87 431	378	1 516	4 038	17 242	16 345	4 586
	$1,000	230 810	4 721	13 757	23 747	69 871	49 844	11 786
Farms with expenses of—								
$1 to $4,999		75 206	117	584	2 088	12 157	13 486	4 113
$5,000 to $9,999		9 596	103	472	1 279	3 987	2 578	422
$10,000 to $24,999		2 474	119	378	632	1 066	279	51
$25,000 or more		155	39	82	39	32	2	-
All other farm production expenses	farms	101 919	410	1 630	4 416	20 629	20 694	5 908
	$1,000	513 358	37 491	72 678	76 947	181 251	96 012	18 541
Farms with expenses of—								
$1 to $4,999		73 591	17	126	717	7 429	13 614	4 938
$5,000 to $24,999		25 444	126	758	2 787	12 105	6 949	970
$25,000 to $49,999		2 166	92	379	679	977	131	-
$50,000 or more		718	175	367	233	118	-	-

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity farms	10 341	4 176	10 040	6 296	3 552	5 253
$1,000	8 300	2 789	5 537	2 832	1 334	1 521
Farms with expenses of—						
$1 to $999	7 297	3 256	8 677	5 798	3 360	4 991
$1,000 to $4,999	3 025	920	1 363	498	192	254
$5,000 to $24,999	19	-	-	-	-	8
$25,000 or more	-	-	-	-	-	-
Hired farm labor farms	4 848	1 832	4 040	1 974	1 041	1 390
$1,000	4 881	1 636	2 678	1 039	354	521
Farms with expenses of—						
$1 to $4,999	4 648	1 764	3 984	1 951	1 041	1 382
$5,000 to $24,999	199	68	56	23	-	8
$25,000 to $99,999	1	-	-	-	-	-
$100,000 or more	-	-	-	-	-	-
Contract labor farms	705	253	676	508	252	286
$1,000	904	313	701	290	116	142
Farms with expenses of—						
$1 to $999	459	164	443	433	218	237
$1,000 to $4,999	209	80	210	75	34	49
$5,000 to $24,999	37	9	23	-	-	-
$25,000 or more	-	-	-	-	-	-
Repair and maintenance farms	10 566	4 186	10 194	6 505	3 915	5 670
$1,000	26 510	9 049	16 038	7 119	3 465	3 569
Farms with expenses of—						
$1 to $4,999	9 301	3 828	9 740	6 398	3 895	5 620
$5,000 to $24,999	1 264	358	454	107	20	50
$25,000 to $49,999	1	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment farms	6 721	2 731	6 850	3 780	2 030	2 231
$1,000	14 054	5 529	9 428	3 273	1 092	708
Farms with expenses of—						
$1 to $999	2 954	1 162	3 553	2 677	1 765	2 109
$1,000 to $4,999	3 070	1 274	3 065	1 064	265	122
$5,000 to $24,999	696	295	232	39	-	-
$25,000 or more	1	-	-	-	-	-
Interest expense farms	7 379	2 757	6 313	3 703	2 064	3 213
$1,000	26 910	8 839	16 731	7 945	3 631	6 186
Farms with expenses of—						
$1 to $4,999	5 364	2 190	5 240	3 282	1 904	2 983
$5,000 to $24,999	2 012	567	1 072	421	160	223
$25,000 to $99,999	3	-	1	-	-	7
$100,000 or more	-	-	-	-	-	-
Secured by real estate farms	4 136	1 573	4 090	2 720	1 443	2 356
$1,000	18 471	6 241	12 267	6 499	2 916	5 125
Farms with expenses of—						
$1 to $999	788	336	1 234	834	572	845
$1,000 to $4,999	1 951	806	1 950	1 596	748	1 351
$5,000 to $24,999	1 395	431	905	290	123	153
$25,000 or more	2	-	1	-	-	7
Not secured by real estate farms	4 865	1 726	3 299	1 692	1 013	1 448
$1,000	8 440	2 597	4 464	1 446	715	1 063
Farms with expenses of—						
$1 to $999	2 284	828	1 807	1 167	829	1 064
$1,000 to $4,999	2 169	820	1 380	517	175	377
$5,000 to $24,999	412	78	112	8	9	7
$25,000 or more	-	-	-	-	-	-
Cash rent farms	4 054	1 407	2 897	1 141	533	582
$1,000	23 003	7 382	9 464	2 583	712	449
Farms with expenses of—						
$1 to $4,999	2 162	791	2 146	1 013	516	572
$5,000 to $9,999	1 035	371	656	115	17	10
$10,000 to $24,999	840	245	95	13	-	-
$25,000 or more	17	-	-	-	-	-
Property taxes farms	9 256	3 813	10 442	7 421	4 654	8 118
$1,000	20 045	7 432	15 811	8 630	4 109	5 779
Farms with expenses of—						
$1 to $4,999	8 759	3 726	10 289	7 321	4 611	8 072
$5,000 to $9,999	468	80	134	94	43	39
$10,000 to $24,999	29	7	19	6	-	7
$25,000 or more	-	-	-	-	-	-
All other farm production expenses farms	11 849	4 914	12 576	7 625	4 530	7 148
$1,000	27 446	10 014	16 840	6 801	3 062	3 766
Farms with expenses of—						
$1 to $4,999	10 634	4 512	12 357	7 609	4 530	7 125
$5,000 to $24,999	1 215	402	219	16	-	23
$25,000 to $49,999	-	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
			$1,000,000 or more	Total				
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]								
All farms	number	105 184	410	1 630	4 417	20 634	20 700	5 909
	$1,000	2 146 997	133 764	305 240	398 338	914 541	396 972	59 719
Average per farm	dollars	20 412	326 254	187 264	89 730	44 322	19 177	10 106
Farms with net gains[2]	number	74 987	372	1 488	4 062	18 911	17 452	4 676
Average net gain	dollars	31 660	377 706	213 548	100 161	50 287	25 185	15 610
Gain of—								
Less than $1,000		4 767	-	12	26	168	264	143
$1,000 to $9,999		22 906	5	42	142	1 180	2 801	1 189
$10,000 to $49,999		33 147	28	165	769	8 922	13 255	3 344
$50,000 or more		14 167	339	1 269	3 125	8 641	1 132	-
Farms with net losses	number	30 197	38	142	355	1 723	3 248	1 233
Average net loss	dollars	7 521	177 436	88 165	29 623	21 148	12 996	10 764
Loss of—								
Less than $1,000		4 943	-	4	10	111	188	87
$1,000 to $9,999		18 984	3	19	93	550	1 495	632
$10,000 to $49,999		5 889	8	52	190	904	1 513	492
$50,000 or more		381	27	67	62	158	52	22
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments	farms	75 203	329	1 366	4 430	18 139	17 737	4 894
	$1,000	1 153 713	18 574	66 951	161 620	424 216	265 336	53 289
Other farm-related income[1]	farms	30 370	92	482	1 684	7 794	6 847	1 662
	$1,000	132 006	1 044	4 412	10 217	36 564	26 559	6 724
Customwork and other agricultural services	farms	15 001	47	290	1 090	4 763	3 841	845
	$1,000	61 977	480	2 483	6 393	21 914	15 704	3 363
Gross cash rent or share payments	farms	8 633	26	93	235	1 237	1 339	458
	$1,000	58 000	437	1 078	2 295	10 553	8 678	2 763
Forest products and Christmas trees	farms	710	1	4	29	87	74	71
	$1,000	1 878	(D)	32	100	362	140	235
Other farm-related income sources	farms	11 906	42	232	784	3 614	2 920	667
	$1,000	10 158	(D)	819	1 430	3 736	2 037	363
COMMODITY CREDIT CORPORATION LOANS								
Total	farms	51 178	230	1 075	3 680	14 847	13 698	3 589
	$1,000	1 598 775	32 985	115 655	269 572	648 177	361 768	63 221
Corn	farms	50 551	226	1 063	3 652	14 735	13 571	3 541
	$1,000	1 298 123	27 713	97 011	218 950	519 801	291 314	52 223
Wheat	farms	61	-	-	1	23	15	3
	$1,000	127	-	-	(D)	64	42	(Z)
Soybeans	farms	14 094	71	338	1 283	4 385	3 994	876
	$1,000	298 747	(D)	18 600	50 350	128 040	89 853	10 852
Sorghum, barley, and oats	farms	86	1	3	8	18	26	12
	$1,000	190	(D)	44	(D)	(D)	62	22
Cotton	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	70	-	-	1	2	9	5
	$1,000	1 587	-	-	(D)	(D)	497	123
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms	96 749	376	1 519	4 787	19 677	19 960	5 750
	acres	27 290 868	407 313	1 385 621	3 420 671	9 563 566	6 493 111	1 374 769
Harvested cropland	farms	92 878	370	1 494	4 746	19 571	19 804	5 660
	acres	20 484 178	336 697	1 133 182	2 743 066	7 476 976	4 692 483	1 001 488
Farms by acres harvested:								
1 to 49 acres		17 546	7	32	72	239	544	292
50 to 99 acres		13 958	10	23	56	508	1 248	597
100 to 199 acres		23 454	16	61	324	3 069	5 515	2 639
200 to 499 acres		29 005	90	441	1 878	10 810	11 907	2 115
500 to 999 acres		7 723	134	592	1 825	4 692	588	16
1,000 to 1,999 acres		1 114	86	290	569	252	2	1
2,000 acres or more		78	27	55	22	1	-	-
Cropland:								
Pasture or grazing only	farms	36 766	132	521	1 819	7 844	7 931	2 243
	acres	2 283 547	17 256	62 847	183 743	616 665	546 099	137 533
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	27 088	92	408	1 311	5 802	6 169	1 817
	acres	1 670 711	13 896	52 620	148 611	493 868	396 002	93 637
On which all crops failed	farms	1 640	6	18	50	225	288	108
	acres	45 013	176	960	1 868	10 248	10 503	2 352
In cultivated summer fallow	farms	844	3	13	26	141	170	70
	acres	45 160	460	1 880	2 196	9 755	11 648	3 885
Idle	farms	42 114	211	874	2 781	10 667	9 926	2 686
	acres	2 762 259	38 828	134 112	341 187	956 054	634 376	135 864
Total woodland	farms	24 782	62	292	996	4 407	4 657	1 380
	acres	1 316 448	7 341	32 890	77 318	302 661	285 908	75 034
Woodland pastured	farms	14 393	32	152	546	2 664	2 802	830
	acres	774 976	4 886	20 104	44 202	184 069	174 007	45 509
Woodland not pastured	farms	14 477	40	196	607	2 650	2 716	800
	acres	541 472	2 455	12 786	33 116	118 592	111 901	29 525

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]							
All farms	number	11 849	4 914	12 594	8 587	5 200	8 750
	$1,000	85 241	13 488	15 984	-6 873	-9 894	-23 759
Average per farm	dollars	7 194	2 745	1 269	-800	-1 903	-2 715
Farms with net gains[2]	number	9 181	3 395	7 979	4 496	1 964	1 383
Average net gain	dollars	11 464	7 479	5 037	2 659	1 403	573
Gain of—							
Less than $1,000		347	239	693	906	826	1 143
$1,000 to $9,999		3 789	2 116	6 679	3 590	1 138	240
$10,000 to $49,999		5 045	1 040	607	-	-	-
$50,000 or more		-	-	-	-	-	-
Farms with net losses	number	2 668	1 519	4 615	4 091	3 236	7 367
Average net loss	dollars	7 501	7 835	5 245	4 602	3 909	3 333
Loss of—							
Less than $1,000		378	134	722	717	689	1 903
$1,000 to $9,999		1 559	984	3 209	2 983	2 308	5 152
$10,000 to $49,999		730	400	682	390	239	297
$50,000 or more		1	1	2	1	-	15
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments	farms	9 191	3 632	8 022	4 057	1 875	1 860
	$1,000	79 321	25 105	44 319	16 908	7 606	9 042
Other farm-related income[1]	farms	3 447	1 122	2 783	1 663	1 095	1 791
	$1,000	13 366	3 975	11 176	8 604	4 066	6 346
Customwork and other agricultural services	farms	1 632	528	926	470	239	377
	$1,000	5 928	1 490	2 525	1 310	464	405
Gross cash rent or share payments	farms	857	373	1 276	962	689	1 114
	$1,000	6 527	2 156	8 188	6 871	3 452	5 439
Forest products and Christmas trees	farms	74	15	125	68	67	96
	$1,000	175	17	132	266	95	320
Other farm-related income sources	farms	1 440	414	919	365	201	352
	$1,000	736	312	331	155	55	163
COMMODITY CREDIT CORPORATION LOANS							
Total	farms	6 018	2 192	4 021	1 412	443	202
	$1,000	82 009	23 005	28 371	5 650	1 064	284
Corn	farms	5 938	2 143	3 923	1 379	417	189
	$1,000	68 603	19 376	24 483	5 168	929	265
Wheat	farms	5	1	9	4	-	-
	$1,000	7	(D)	(D)	6	-	-
Soybeans	farms	1 356	496	678	152	44	12
	$1,000	13 203	3 608	3 693	(D)	73	(D)
Sorghum, barley, and oats	farms	8	2	6	3	-	-
	$1,000	10	(D)	(D)	1	-	-
Cotton	farms	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	10	2	16	2	15	8
	$1,000	186	(D)	185	(D)	62	(D)
LAND IN FARMS ACCORDING TO USE							
Total cropland	farms	11 098	4 646	11 201	7 030	4 367	6 714
	acres	2 130 850	702 780	1 268 035	520 423	207 522	223 520
Harvested cropland	farms	10 899	4 505	10 695	6 373	3 801	5 330
	acres	1 506 652	479 992	809 994	277 555	93 303	69 487
Farms by acres harvested:							
1 to 49 acres		763	473	2 444	4 042	3 422	5 225
50 to 99 acres		1 815	1 458	5 706	2 094	358	93
100 to 199 acres		6 775	2 382	2 434	229	19	7
200 to 499 acres		1 541	189	110	7	2	5
500 to 999 acres		5	3	1	1	-	-
1,000 to 1,999 acres		-	-	-	-	-	-
2,000 acres or more		-	-	-	-	-	-
Cropland:							
Pasture or grazing only	farms	4 177	1 672	3 968	2 547	1 597	2 447
	acres	242 967	90 476	191 003	99 979	47 060	65 175
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	3 443	1 380	3 151	1 718	904	985
	acres	155 404	54 260	122 846	68 512	36 968	45 983
On which all crops failed	farms	174	71	215	155	119	217
	acres	3 999	1 689	3 989	3 241	1 863	4 281
In cultivated summer fallow	farms	106	40	111	77	36	54
	acres	4 926	1 928	4 474	2 382	1 192	884
Idle	farms	5 042	2 039	4 258	1 982	875	984
	acres	216 902	74 435	135 729	68 754	27 136	37 710
Total woodland	farms	2 633	1 128	3 210	2 250	1 520	2 309
	acres	133 859	55 087	142 484	92 049	52 494	66 664
Woodland pastured	farms	1 516	675	1 880	1 307	841	1 180
	acres	82 057	34 155	83 974	49 686	27 358	29 855
Woodland not pastured	farms	1 535	625	1 815	1 271	856	1 406
	acres	51 802	20 932	58 510	42 363	25 136	36 809

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	$500,000 or more: $1,000,000 or more	$500,000 or more: Total	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured .... farms..	22 415	84	326	1 057	4 495	4 421	1 238
acres..	1 452 248	32 120	85 013	126 366	385 774	317 804	72 918
Land in house lots, ponds, roads, wasteland, etc. .... farms..	79 586	335	1 320	3 955	15 779	15 828	4 454
acres..	1 578 586	20 887	70 002	156 438	471 254	348 472	81 563
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs .... farms..	69 141	322	1 336	4 366	17 838	17 232	4 674
acres..	3 580 902	49 856	178 185	474 097	1 352 558	878 658	174 327
Conservation reserve program .... farms..	8 050	48	173	386	1 494	1 431	433
acres..	597 896	6 485	19 285	38 290	128 130	127 757	37 388
Value of land and buildings[1] .... farms..	105 184	410	1 630	4 417	20 634	20 700	5 909
$1,000..	29 829 901	537 107	1 736 605	3 528 520	10 651 884	6 733 422	1 377 203
Average per farm .... dollars..	283 597	1 310 017	1 065 402	798 850	516 229	325 288	233 069
Average per acre .... dollars..	947	1 148	1 104	1 022	962	913	878
Farms by value group:							
$1 to $39,999	13 227	4	31	85	386	717	307
$40,000 to $69,999	11 020	3	27	26	257	486	256
$70,000 to $99,999	9 152	7	22	38	287	802	364
$100,000 to $149,999	12 468	13	37	82	731	1 705	825
$150,000 to $199,999	9 769	4	28	84	1 065	2 026	930
$200,000 to $499,999	31 637	52	277	1 090	8 637	11 364	2 965
$500,000 to $999,999	14 045	131	536	1 766	7 596	3 402	246
$1,000,000 to $1,999,999	3 466	125	496	1 091	1 616	191	16
$2,000,000 to $4,999,999	380	58	161	154	55	7	-
$5,000,000 or more	20	13	15	1	4	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment .... farms..	104 901	410	1 630	4 417	20 625	20 692	5 909
$1,000..	5 543 375	94 861	293 395	611 288	1 934 664	1 264 615	264 091
Farms by value group:							
$1 to $4,999	6 659	-	2	14	69	244	151
$5,000 to $9,999	12 872	2	3	21	132	462	259
$10,000 to $19,999	15 609	1	25	81	552	1 776	858
$20,000 to $49,999	28 782	6	70	305	3 672	7 173	2 606
$50,000 to $99,999	22 911	58	287	1 062	7 688	7 363	1 439
$100,000 to $199,999	14 193	167	659	1 929	6 761	3 069	555
$200,000 to $499,999	3 763	139	535	963	1 518	557	41
$500,000 or more	112	37	49	22	33	8	-
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups .... farms..	93 674	397	1 582	4 300	19 898	19 436	5 433
number..	143 433	1 586	4 796	9 805	35 103	29 512	7 746
Wheel tractors .... farms..	97 120	397	1 595	4 315	20 078	19 698	5 473
number..	302 392	2 393	8 405	19 882	77 326	66 450	17 568
Less than 40 horsepower (PTO) .... farms..	48 200	154	630	1 871	9 094	8 809	2 601
number..	79 062	362	1 309	3 285	15 076	14 493	4 461
40 horsepower (PTO) or more .... farms..	85 755	385	1 544	4 230	19 447	19 003	5 153
number..	223 330	2 031	7 096	16 597	62 250	51 957	13 107
Grain and bean combines .... farms..	55 575	266	1 210	3 623	15 709	13 747	3 536
number..	60 004	337	1 408	4 055	16 934	14 726	3 881
Cottonpickers and strippers .... farms..	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-
Mower conditioners .... farms..	29 756	164	661	1 753	7 718	6 763	1 673
number..	31 333	194	736	1 908	8 179	7 074	1 732
Pickup balers .... farms..	40 640	162	718	2 108	9 975	9 005	2 441
number..	46 867	197	845	2 478	11 756	10 544	2 905
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer .... farms..	83 051	351	1 451	4 192	19 581	18 998	5 310
acres on which used..	13 313 702	255 707	821 931	1 733 262	5 043 747	3 097 152	607 476
Lime .... farms..	17 823	96	403	1 300	5 352	4 186	913
acres on which used..	1 219 161	21 870	66 601	150 637	441 586	257 799	48 637
tons..	2 846 408	46 696	145 998	359 104	1 016 426	601 673	113 221
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops .... farms..	41 361	255	1 006	2 769	11 488	9 595	2 445
acres on which used..	4 910 343	142 964	407 235	735 022	1 827 246	1 042 626	201 894
Nematodes in crops .... farms..	2 548	17	70	137	664	645	133
acres on which used..	267 277	7 958	23 477	32 428	89 544	66 268	8 164
Diseases in crops and orchards .... farms..	1 330	9	29	70	208	250	48
acres on which used..	112 420	3 266	13 556	15 249	26 721	20 912	2 334
Weeds, grass, or brush in crops and pasture .... farms..	70 486	302	1 204	3 488	16 647	16 140	4 575
acres on which used..	14 709 093	254 658	817 467	1 850 830	5 738 325	3 451 681	703 145
Chemicals for defoliation or for growth control of crops or thinning of fruit .... farms..	1 066	4	19	65	237	162	68
acres on which used..	120 779	1 663	6 663	18 599	38 775	27 964	7 665

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured	farms	2 384	1 007	2 454	1 859	1 241	1 953
	acres	129 858	50 682	116 825	71 781	38 884	56 343
Land in house lots, ponds, roads, wasteland, etc.	farms	8 833	3 695	9 060	5 970	4 061	6 631
	acres	142 504	50 696	107 386	65 000	34 199	51 052
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs	farms	8 615	3 288	6 905	3 034	1 146	707
	acres	252 718	78 396	121 371	36 887	9 356	4 349
Conservation reserve program	farms	818	334	974	759	491	757
	acres	76 357	29 842	87 181	58 958	34 505	60 205
Value of land and buildings[1]	farms	11 849	4 914	12 594	8 587	5 200	8 750
	$1,000	2 119 805	737 035	1 400 952	694 139	318 934	531 362
Average per farm	dollars	178 902	149 987	111 240	80 836	61 345	60 727
Average per acre	dollars	851	873	851	891	1 002	1 360
Farms by value group:							
$1 to $39,999		758	466	1 735	2 513	2 173	4 056
$40,000 to $69,999		1 007	447	2 306	2 478	1 453	2 277
$70,000 to $99,999		1 151	600	2 659	1 435	619	1 175
$100,000 to $149,999		2 217	1 276	3 204	1 120	585	686
$150,000 to $199,999		2 314	1 068	1 353	472	193	236
$200,000 to $499,999		4 178	984	1 220	508	161	253
$500,000 to $999,999		222	66	105	39	15	52
$1,000,000 to $1,999,999		2	6	12	20	1	15
$2,000,000 to $4,999,999		-	1	-	2	-	-
$5,000,000 or more		-	-	-	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment	farms	11 833	4 906	12 587	8 542	5 176	8 584
	$1,000	413 152	155 050	306 205	151 683	78 139	71 090
Farms by value group:							
$1 to $4,999		497	286	1 034	1 381	1 023	1 958
$5,000 to $9,999		895	525	1 915	1 931	1 517	5 192
$10,000 to $19,999		2 488	1 100	4 209	2 377	1 362	781
$20,000 to $49,999		5 075	2 039	4 011	2 284	990	557
$50,000 to $99,999		2 270	755	1 044	443	269	71
$100,000 to $199,999		559	175	311	126	15	14
$200,000 to $499,999		49	26	63	-	-	11
$500,000 or more		-	-	-	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups	farms	10 499	4 241	10 601	6 854	4 118	6 712
	number	14 354	6 131	13 757	9 157	5 136	7 936
Wheel tractors	farms	10 906	4 500	11 664	7 632	4 381	6 878
	number	32 040	12 946	29 762	17 459	9 038	11 516
Less than 40 horsepower (PTO)	farms	5 221	2 205	6 344	4 274	2 730	4 421
	number	8 472	3 530	10 614	6 794	4 411	6 617
40 horsepower (PTO) or more	farms	10 007	4 124	9 757	5 858	3 063	3 569
	number	23 568	9 416	19 148	10 665	4 627	4 899
Grain and bean combines	farms	6 387	2 246	4 862	2 489	1 140	606
	number	6 843	2 360	5 189	2 676	1 251	681
Cottonpickers and strippers	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Mower conditioners	farms	3 078	1 246	3 173	1 808	1 028	855
	number	3 215	1 312	3 355	1 861	1 082	879
Pickup balers	farms	4 569	1 744	4 405	2 810	1 566	1 299
	number	5 151	2 017	4 949	3 087	1 728	1 407
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer	farms	10 031	3 953	9 664	4 941	2 313	2 617
	acres on which used	900 245	295 499	534 816	176 402	61 380	41 792
Lime	farms	1 785	571	1 593	876	329	515
	acres on which used	85 878	24 443	78 600	37 409	15 079	12 512
	tons	199 010	57 545	198 119	88 099	37 821	29 392
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops	farms	4 745	1 909	3 770	1 815	743	1 076
	acres on which used	333 146	103 471	176 472	57 848	12 666	12 719
Nematodes in crops	farms	251	148	279	138	62	21
	acres on which used	17 786	8 496	14 213	5 781	966	174
Diseases in crops and orchards	farms	186	73	217	89	53	97
	acres on which used	11 075	4 682	13 152	3 985	358	396
Weeds, grass, or brush in crops and pasture	farms	8 647	3 418	8 133	4 227	2 019	1 988
	acres on which used	1 051 017	315 771	531 728	169 049	45 685	34 395
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	137	39	154	115	33	37
	acres on which used	8 845	1 218	7 732	3 071	278	169

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
			$1,000,000 or more	Total				
TENURE AND RACE OF OPERATOR								
All operators		105 180	410	1 630	4 957	20 200	20 656	5 996
Full owners		48 226	124	394	957	4 103	6 033	2 283
Part owners		35 207	248	1 067	3 341	11 706	9 092	1 997
Tenants		21 747	38	169	659	4 391	5 531	1 716
White		105 056	410	1 630	4 954	20 186	20 637	5 992
Full owners		48 162	124	394	957	4 099	6 030	2 280
Part owners		35 182	248	1 067	3 339	11 701	9 086	1 996
Tenants		21 712	38	169	658	4 386	5 521	1 716
Black and other races		124	-	-	3	14	19	4
Full owners		64	-	-	-	4	3	3
Part owners		25	-	-	2	5	6	1
Tenants		35	-	-	1	5	10	-
OWNED AND RENTED LAND								
Land owned	farms	84 315	372	1 471	4 318	15 940	15 289	4 350
	acres	17 021 650	257 791	778 022	1 633 166	4 513 694	3 507 865	917 152
Owned land in farms	farms	83 433	372	1 461	4 298	15 809	15 125	4 280
	acres	15 050 360	248 193	745 595	1 553 867	4 226 062	3 316 876	821 184
Land rented or leased from others	farms	57 231	288	1 242	4 012	16 132	14 667	3 723
	acres	16 739 305	221 989	834 420	2 237 612	6 533 798	4 164 714	790 341
Rented or leased land in farms	farms	56 954	286	1 236	4 000	16 097	14 623	3 713
	acres	16 587 770	219 468	827 931	2 226 926	6 497 193	4 128 419	783 100
Land rented or leased to others	farms	14 144	49	166	423	1 669	1 845	618
	acres	2 122 825	12 119	38 916	89 985	324 237	317 284	103 209
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		78 710	282	1 282	4 291	17 431	16 805	4 542
Not on farm operated		20 505	83	223	390	1 984	3 013	1 177
Not reported		5 965	45	125	276	785	838	277
Operators by principal occupation:								
Farming		75 279	368	1 518	4 784	19 171	18 377	4 866
Other		29 901	42	112	173	1 029	2 279	1 130
Operators by days of work off farm:								
None		51 753	325	1 290	3 774	13 914	11 988	2 995
Any		46 229	60	238	835	5 018	7 274	2 565
1 to 99 days		13 104	27	122	533	3 126	3 485	883
100 to 199 days		7 197	6	33	122	745	1 350	539
200 days or more		25 928	27	83	180	1 147	2 439	1 143
Not reported		7 198	25	102	348	1 268	1 394	436
Operators by years on present farm:								
2 years or less		5 787	11	37	97	532	878	330
3 or 4 years		5 973	9	40	129	781	1 064	364
5 to 9 years		13 617	30	110	409	2 326	2 681	853
10 years or more		65 721	275	1 170	3 633	14 592	13 954	3 771
Average years on present farm		19.7	23.4	23.1	21.8	20.5	20.6	20.5
Not reported		14 082	85	273	689	1 969	2 079	678
Operators by age group:								
Under 25 years		2 852	1	8	35	314	552	190
25 to 34 years		17 458	41	204	805	4 005	4 047	1 112
35 to 44 years		21 282	79	375	1 325	5 039	3 972	1 084
45 to 49 years		10 512	58	238	650	2 341	1 950	518
50 to 54 years		11 232	53	215	677	2 477	2 312	572
55 to 59 years		12 608	68	261	658	2 744	2 857	750
60 to 64 years		12 679	66	201	519	2 051	2 914	880
65 to 69 years		7 848	23	79	169	750	1 174	482
70 years and over		8 709	14	49	119	479	878	408
Average age		49.3	50.7	49.0	47.0	46.2	47.8	49.0
Operators by sex:								
Male		101 838	406	1 618	4 909	19 988	20 321	5 881
Female		3 342	4	12	48	212	335	115
Operators of Spanish origin (see text)		105	-	-	3	19	23	5
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms	89 188	151	807	3 286	16 470	17 809	5 211
	acres	25 058 946	150 113	673 759	2 372 730	8 568 466	6 408 728	1 393 145
Partnership	farms	11 088	76	283	788	2 357	2 095	613
	acres	3 802 372	105 869	347 221	667 342	1 236 375	712 660	157 675
Corporation:								
Family held	farms	4 094	164	484	801	1 282	650	142
	acres	2 568 304	200 588	532 083	709 087	864 687	288 097	45 200
More than 10 stockholders	farms	81	8	16	11	21	18	4
10 or less stockholders	farms	4 013	156	468	790	1 261	632	138
Other than family held	farms	310	17	49	59	50	31	11
	acres	91 558	(D)	13 776	15 939	33 363	11 099	3 063
More than 10 stockholders	farms	34	3	6	5	8	-	-
10 or less stockholders	farms	276	14	43	54	42	31	11
Other—cooperative, estate or trust, institutional, etc.	farms	500	2	7	23	41	71	19
	acres	116 950	(D)	6 687	15 695	20 364	24 711	5 201

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
TENURE AND RACE OF OPERATOR							
All operators		11 756	5 009	12 427	8 252	5 498	8 799
Full owners		5 635	2 798	7 974	6 136	4 399	7 514
Part owners		3 117	968	1 923	897	499	600
Tenants		3 004	1 243	2 530	1 219	600	685
White		11 740	5 002	12 407	8 246	5 490	8 772
Full owners		5 628	2 795	7 961	6 131	4 393	7 494
Part owners		3 113	965	1 922	896	499	598
Tenants		2 999	1 242	2 524	1 219	598	680
Black and other races		16	7	20	6	8	27
Full owners		7	3	13	5	6	20
Part owners		4	3	1	1	-	2
Tenants		5	1	6	-	2	5
OWNED AND RENTED LAND							
Land owned	farms	8 869	3 837	10 070	7 099	4 917	8 135
	acres	1 692 685	645 394	1 486 431	827 741	405 251	534 249
Owned land in farms	farms	8 752	3 766	9 897	7 033	4 898	8 114
	acres	1 458 720	535 866	1 161 257	593 114	284 787	353 032
Land rented or leased from others	farms	6 164	2 222	4 499	2 140	1 113	1 315
	acres	1 100 172	326 549	490 910	161 112	50 847	48 830
Rented or leased land in farms	farms	6 121	2 211	4 453	2 116	1 099	1 285
	acres	1 078 351	323 379	473 473	156 139	48 312	44 547
Land rented or leased to others	farms	1 444	719	2 307	1 884	1 225	1 844
	acres	245 786	112 696	342 611	239 600	122 999	185 500
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		8 165	3 321	7 855	5 234	3 622	6 162
Not on farm operated		2 964	1 407	3 748	2 369	1 372	1 858
Not reported		627	281	824	649	504	779
Operators by principal occupation:							
Farming		8 537	3 330	7 155	3 636	1 894	2 011
Other		3 219	1 679	5 272	4 616	3 604	6 788
Operators by days of work off farm:							
None		5 226	2 043	4 617	2 615	1 402	1 889
Any		5 622	2 554	6 815	5 035	3 728	6 545
1 to 99 days		1 563	585	1 211	639	380	577
100 to 199 days		1 094	465	1 058	700	439	652
200 days or more		2 965	1 504	4 546	3 696	2 909	5 316
Not reported		908	412	995	602	368	365
Operators by years on present farm:							
2 years or less		798	383	979	685	407	661
3 or 4 years		741	327	843	580	401	703
5 to 9 years		1 597	642	1 660	1 115	825	1 399
10 years or more		7 079	2 956	6 983	4 399	2 829	4 355
Average years on present farm		20.0	20.1	19.4	18.5	16.8	15.0
Not reported		1 541	701	1 962	1 473	1 036	1 681
Operators by age group:							
Under 25 years		452	164	484	239	179	235
25 to 34 years		1 897	776	1 794	1 054	690	1 074
35 to 44 years		2 031	832	2 075	1 453	1 057	2 039
45 to 49 years		998	439	996	763	531	1 088
50 to 54 years		1 085	422	1 113	791	631	937
55 to 59 years		1 342	528	1 163	819	570	916
60 to 64 years		1 692	681	1 503	853	538	847
65 to 69 years		1 103	505	1 403	936	546	701
70 years and over		1 156	662	1 896	1 344	756	962
Average age		50.3	51.5	52.0	52.7	51.6	50.3
Operators by sex:							
Male		11 391	4 820	11 822	7 743	5 192	8 153
Female		365	189	605	509	306	646
Operators of Spanish origin (see text)		11	7	14	12	4	7
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	farms	10 178	4 313	10 771	7 258	5 001	8 084
	acres	2 192 595	736 606	1 403 413	651 206	301 895	356 403
Partnership	farms	1 284	564	1 365	808	393	538
	acres	268 479	95 978	185 839	78 104	24 460	28 239
Corporation:							
Family held	farms	216	84	186	98	53	98
	acres	55 882	18 265	30 662	11 836	4 051	8 454
More than 10 stockholders	farms	2	3	3	3	-	-
10 or less stockholders	farms	214	81	183	95	53	98
Other than family held	farms	19	9	22	20	22	18
	acres	4 471	1 196	3 486	2 103	1 407	1 655
More than 10 stockholders	farms	1	4	1	3	4	2
10 or less stockholders	farms	18	5	21	17	18	16
Other—cooperative, estate or trust, institutional, etc.	farms	59	39	83	68	29	61
	acres	15 644	7 200	11 330	6 004	1 286	2 828

See footnotes at end of table.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
FARMS BY SIZE							
1 to 9 acres	7 974	16	66	137	486	674	249
10 to 49 acres	10 981	23	69	93	197	334	166
50 to 69 acres	2 901	2	6	12	40	104	49
70 to 99 acres	6 981	4	14	27	181	308	154
100 to 139 acres	7 168	3	10	39	236	626	269
140 to 179 acres	10 506	6	21	62	775	1 413	683
180 to 219 acres	6 574	3	16	66	731	1 266	595
220 to 259 acres	7 119	10	35	128	1 051	1 607	971
260 to 499 acres	25 378	50	230	1 059	6 671	9 915	2 484
500 to 999 acres	15 874	117	564	2 028	6 280	3 982	356
1,000 to 1,999 acres	3 401	129	474	1 178	1 498	194	18
2,000 acres or more	323	47	125	126	54	13	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	50 200	14	129	1 241	6 263	11 391	3 647
Field crops, except cash grains (013)	1 451	1	2	2	5	15	10
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	1 451	1	2	2	5	15	10
Vegetables and melons (016)	213	-	1	1	14	9	4
Fruits and tree nuts (017)	195	-	-	-	7	6	4
Horticultural specialties (018)	278	5	17	19	40	35	14
General farms, primarily crop (019)	1 039	1	4	13	84	123	38
Livestock, except dairy, poultry, and animal specialties (021)	43 979	350	1 351	3 388	9 860	7 144	1 816
Beef cattle, except feedlots (0212)	10 095	9	55	102	329	519	267
Dairy farms (024)	4 209	2	14	131	1 331	1 459	368
Poultry and eggs (025)	570	37	100	75	119	71	9
Animal specialties (027)	1 601	-	4	6	12	37	17
General farms, primarily livestock and animal specialties (029)	1 445	-	8	81	465	366	69
LIVESTOCK							
Cattle and calves inventory farms	49 469	308	1 145	2 814	10 741	10 328	2 804
number	4 303 682	425 837	788 581	590 883	1 225 092	784 812	164 013
Farms with—							
1 to 9	4 928	-	12	43	296	457	170
10 to 49	19 719	2	33	280	2 109	3 354	1 206
50 to 99	12 289	4	49	412	3 109	3 765	1 012
100 to 199	8 310	9	112	795	3 787	2 297	372
200 to 499	3 423	33	391	1 126	1 364	422	42
500 or more	800	260	546	158	78	13	-
Cows and heifers that had calved farms	38 373	82	427	1 656	8 141	8 447	2 355
number	1 418 633	21 225	67 037	135 206	453 413	335 980	74 346
Beef cows farms	32 279	73	386	1 352	6 118	6 544	1 899
number	1 123 745	18 913	58 830	103 992	319 907	254 766	59 657
Farms with—							
1 to 9	5 883	-	11	67	423	618	214
10 to 49	19 651	10	104	545	3 242	4 107	1 315
50 to 99	4 965	16	106	392	1 697	1 443	330
100 to 199	1 467	19	84	262	643	356	39
200 to 499	276	17	59	78	106	20	1
500 or more	37	11	24	8	5	-	-
Milk cows farms	7 748	9	54	378	2 466	2 328	559
number	294 888	2 312	8 207	31 214	133 506	81 214	14 689
Farms with—							
1 to 4	880	-	2	11	60	114	35
5 to 9	278	-	-	-	9	41	16
10 to 49	4 340	1	8	66	977	1 741	477
50 to 99	1 955	3	16	185	1 276	428	31
100 to 199	272	1	16	106	143	4	-
200 to 499	22	3	13	8	1	-	-
500 or more	1	1	1	-	-	-	-
Heifers and heifer calves farms	38 383	213	771	2 048	8 602	8 414	2 273
number	1 275 321	151 556	268 186	197 188	366 725	216 708	42 501
Steers, steer calves, bulls, and bull calves farms	42 527	269	981	2 416	9 330	9 043	2 457
number	1 609 728	253 056	453 358	258 489	404 954	232 124	47 166
Cattle and calves sold farms	50 509	312	1 178	3 003	11 202	10 658	2 870
number	3 539 020	755 444	1 241 055	600 802	808 924	416 831	87 080
$1,000	2 124 641	535 737	864 655	389 515	459 422	208 835	40 250
Calves farms	16 116	20	87	443	2 740	3 153	987
number	355 396	3 829	18 108	22 058	96 196	75 431	20 577
$1,000	101 352	1 202	5 688	6 610	26 404	20 849	5 828
Cattle farms	43 833	309	1 163	2 889	10 362	9 572	2 512
number	3 183 624	751 615	1 222 947	578 744	712 728	341 400	66 503
$1,000	2 023 290	534 535	858 966	382 905	433 018	187 986	34 422
Fattened on grain and concentrates farms	22 503	290	1 034	2 256	6 556	5 151	1 158
number	2 405 669	715 501	1 132 056	460 236	489 492	184 056	29 066
$1,000	1 643 176	508 963	803 161	332 146	322 823	115 719	17 731

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
FARMS BY SIZE						
1 to 9 acres	625	308	1 100	1 043	1 015	2 271
10 to 49 acres	355	263	972	1 979	2 262	4 291
50 to 69 acres	161	95	632	801	472	529
70 to 99 acres	433	358	2 510	1 665	701	630
100 to 139 acres	338	815	2 305	1 070	433	427
140 to 179 acres	2 669	1 391	2 168	787	285	252
180 to 219 acres	1 656	602	1 013	348	129	130
220 to 259 acres	1 665	436	666	221	69	70
260 to 499 acres	2 847	660	934	287	121	170
500 to 999 acres	393	74	116	45	11	25
1,000 to 1,999 acres	13	7	11	4	-	4
2,000 acres or more	1	-	-	2	-	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	7 326	3 063	7 057	3 735	2 009	2 339
Field crops, except cash grains (013)	40	21	109	173	222	852
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	40	21	109	173	222	852
Vegetables and melons (016)	8	5	37	41	46	47
Fruits and tree nuts (017)	8	7	14	26	34	89
Horticultural specialties (018)	20	15	32	33	24	29
General farms, primarily crop (019)	86	43	94	78	27	449
Livestock, except dairy, poultry, and animal specialties (021)	3 679	1 650	4 708	3 985	2 909	3 489
Beef cattle, except feedlots (0212)	829	527	1 996	2 135	1 589	1 747
Dairy farms (024)	456	145	230	37	15	21
Poultry and eggs (025)	10	7	9	18	24	128
Animal specialties (027)	26	18	89	110	171	1 111
General farms, primarily livestock and animal specialties (029)	95	35	46	16	17	245
LIVESTOCK						
Cattle and calves inventory ... farms	5 282	2 189	5 438	3 729	2 358	2 641
number	278 382	97 438	202 610	99 388	41 962	30 521
Farms with–						
1 to 9	304	181	529	604	697	1 635
10 to 49	2 694	1 272	3 550	2 666	1 592	961
50 to 99	1 696	554	1 145	429	65	33
100 to 199	536	171	204	29	4	3
200 to 499	52	10	9	-	-	7
500 or more	-	1	1	1	-	2
Cows and heifers that had calved ... farms	4 394	1 763	4 479	2 978	1 835	1 898
number	128 864	45 003	97 401	48 175	19 910	13 298
Beef cows ... farms	3 810	1 574	4 161	2 887	1 785	1 761
number	113 679	40 740	92 494	47 288	19 558	12 834
Farms with–						
1 to 9	457	259	773	817	853	1 391
10 to 49	2 752	1 124	3 154	2 025	928	355
50 to 99	537	183	222	43	4	8
100 to 199	61	8	9	1	-	4
200 to 499	3	-	3	1	-	3
500 or more	-	-	-	-	-	-
Milk cows ... farms	746	253	463	187	115	199
number	15 185	4 263	4 907	887	352	464
Farms with–						
1 to 4	77	51	139	128	89	174
5 to 9	37	23	82	31	13	20
10 to 49	624	172	237	28	7	5
50 to 99	8	6	5	-	-	-
100 to 199	-	1	-	-	-	-
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-
Heifers and heifer calves ... farms	4 137	1 694	4 140	2 768	1 729	1 807
number	68 965	24 351	47 954	23 965	10 440	8 338
Steers, steer calves, bulls, and bull calves ... farms	4 635	1 896	4 702	3 191	1 919	1 948
number	80 553	28 084	57 255	27 248	11 612	8 885
Cattle and calves sold ... farms	5 420	2 266	5 573	3 827	2 408	2 104
number	146 897	52 085	107 927	50 310	18 866	8 243
$1,000	65 649	22 644	43 954	19 872	7 089	2 756
Calves ... farms	1 922	859	2 243	1 675	1 057	950
number	39 447	14 912	37 570	19 401	7 738	3 958
$1,000	11 708	4 505	10 859	5 763	2 227	909
Cattle ... farms	4 562	1 885	4 555	3 015	1 834	1 484
number	107 450	37 173	70 357	30 909	11 128	4 285
$1,000	53 941	18 139	33 095	14 109	4 861	1 848
Fattened on grain and concentrates ... farms	2 036	764	1 656	935	529	428
number	43 912	13 039	22 132	8 086	2 522	1 072
$1,000	25 702	7 444	12 304	4 306	1 291	529

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
LIVESTOCK—Con.							
Hogs and pigs inventory .... farms	36 670	203	1 043	3 564	12 298	8 858	1 990
number	12 983 074	503 926	1 703 038	3 047 117	5 231 168	1 951 373	313 630
Farms with—							
1 to 24	3 530	-	8	26	224	451	185
25 to 49	2 560	-	5	32	233	547	182
50 to 99	4 220	3	16	72	628	1 146	374
100 to 199	6 766	-	24	175	1 603	2 443	645
200 to 499	11 269	19	132	731	5 392	3 652	563
500 or more	8 325	181	858	2 528	4 218	619	41
Used or to be used for breeding .... farms	26 944	143	755	2 615	9 309	6 650	1 475
number	1 657 873	61 831	209 044	362 181	648 597	270 239	45 450
Other .... farms	35 152	202	1 033	3 526	12 078	8 516	1 886
number	11 325 201	442 097	1 493 994	2 684 936	4 582 571	1 681 134	268 180
Hogs and pigs sold .... farms	38 638	208	1 080	3 658	12 762	9 332	2 107
number	23 483 812	1 086 705	3 515 607	5 795 773	9 252 739	3 271 772	489 460
$1,000	2 494 231	119 027	380 382	636 004	1 005 016	326 603	46 047
Feeder pigs .... farms	8 972	33	211	694	2 563	2 112	520
number	4 460 979	200 569	676 679	910 237	1 438 351	815 331	152 326
$1,000	209 249	10 115	32 813	42 623	69 465	37 671	6 709
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms	28 037	144	766	2 657	9 545	6 863	1 537
number	2 495 867	103 762	342 757	573 911	984 020	379 648	59 681
Dec. 1 and May 31 .... farms	26 110	142	755	2 596	9 224	6 437	1 394
number	1 251 973	51 371	169 516	285 321	498 612	191 376	29 753
June 1 and Nov. 30 .... farms	25 992	143	753	2 603	9 168	6 396	1 399
number	1 243 894	52 391	173 241	288 590	485 408	188 272	29 928
Sheep and lambs of all ages inventory .... farms	8 636	13	68	302	1 388	1 510	465
number	451 617	38 552	45 026	36 120	93 265	79 257	21 723
Ewes 1 year old or older .... farms	8 089	11	60	268	1 315	1 419	431
number	280 591	(D)	10 333	20 300	62 324	54 378	14 459
Sheep and lambs sold .... farms	8 806	15	73	335	1 429	1 530	472
number	607 492	186 519	197 959	50 862	104 838	63 568	21 341
Sheep and lambs shorn .... farms	8 052	12	61	298	1 328	1 420	418
number	542 200	125 744	130 051	43 312	99 642	87 377	22 763
pounds of wool	2 901 639	142 261	167 811	283 826	637 940	551 050	142 606
Horses and ponies inventory .... farms	11 647	44	146	471	1 629	1 756	528
number	59 338	374	772	2 078	7 403	8 440	2 884
Horses and ponies sold .... farms	2 453	2	11	70	283	305	114
number	9 909	(D)	30	316	1 182	1 826	737
Goats inventory .... farms	1 082	1	5	25	83	143	48
number	7 387	(D)	71	778	470	905	189
Goats sold .... farms	366	1	2	5	32	41	17
number	3 198	(D)	(D)	(D)	661	302	104
POULTRY							
Chickens 3 months old or older inventory .... farms	4 897	21	63	142	592	826	291
number	9 580 666	4 482 709	6 066 192	1 305 939	1 372 341	479 859	114 123
Farms with—							
1 to 399	4 456	2	11	82	459	733	272
400 to 3,199	175	-	2	5	33	45	12
3,200 to 9,999	93	-	1	11	38	33	5
10,000 to 19,999	82	-	5	15	48	14	-
20,000 to 49,999	50	1	8	26	12	1	2
50,000 to 99,999	25	3	20	3	2	-	-
100,000 or more	16	15	16	-	-	-	-
Hens and pullets of laying age .... farms	4 834	20	60	139	581	818	269
number	8 212 576	3 846 709	5 247 642	1 156 368	1 078 055	432 325	90 754
Pullets 3 months old or older not of laying age .... farms	487	7	10	13	43	76	23
number	1 368 090	636 000	818 550	149 571	294 286	47 534	23 369
Hens and pullets sold .... farms	908	19	53	81	201	179	59
number	9 873 596	2 933 306	4 826 254	2 167 079	1 976 295	666 478	79 279
Broilers and other meat-type chickens sold .... farms	1 060	-	7	26	180	201	54
number	666 016	-	5 225	68 214	248 087	122 602	10 763
Farms with—							
1 to 1,999	1 021	-	6	23	168	194	53
2,000 to 59,999	38	-	1	3	11	7	1
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	1	-	-	-	1	-	-
Turkey hens kept for breeding .... farms	345	4	7	8	32	35	12
number	71 889	24 850	34 370	10 522	19 399	6 384	82
Turkeys sold .... farms	407	16	61	54	84	46	10
number	9 594 632	4 355 428	7 163 978	1 496 669	775 424	148 014	2 675

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
LIVESTOCK—Con.						
Hogs and pigs inventory farms	3 049	1 102	2 255	1 228	655	628
number	376 396	110 378	162 869	57 547	19 015	10 543
Farms with—						
1 to 24	382	221	589	508	403	533
25 to 49	392	164	488	323	140	54
50 to 99	703	282	597	292	84	26
100 to 199	1 006	315	443	79	23	10
200 to 499	527	111	128	24	5	4
500 or more	39	9	10	2	-	1
Used or to be used for breeding farms	2 261	786	1 529	803	378	281
number	59 138	17 645	28 801	10 844	3 889	2 045
Other farms	2 864	1 012	2 024	1 089	565	561
number	317 258	92 733	134 068	46 703	15 126	8 498
Hogs and pigs sold farms	3 281	1 176	2 492	1 404	739	607
number	613 829	164 614	263 726	83 540	23 718	9 034
$1,000	54 811	14 379	21 756	6 643	1 936	653
Feeder pigs farms	924	327	800	457	217	147
number	228 939	64 079	119 311	40 693	10 538	4 495
$1,000	9 982	2 796	4 984	1 653	408	145
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 farms	2 398	842	1 758	905	441	325
number	80 370	22 332	35 094	12 467	3 774	1 813
Dec. 1 and May 31 farms	2 155	726	1 497	740	354	232
number	40 753	10 654	17 318	6 135	1 772	763
June 1 and Nov. 30 farms	2 098	734	1 495	750	343	253
number	39 617	11 678	17 776	6 332	2 002	1 050
Sheep and lambs of all ages inventory farms	889	377	1 047	751	720	1 119
number	40 898	16 833	43 601	27 765	22 070	25 059
Ewes 1 year old or older farms	829	348	974	699	681	1 045
number	27 501	11 375	29 126	18 511	15 350	16 934
Sheep and lambs sold farms	897	383	1 058	762	754	1 113
number	36 617	15 249	36 486	23 826	18 632	18 112
Sheep and lambs shorn farms	828	353	974	683	680	1 009
number	37 102	15 456	40 403	25 470	20 199	20 425
pounds of wool	258 607	109 690	289 375	176 585	142 773	141 376
Horses and ponies inventory farms	967	453	1 224	1 019	849	2 603
number	4 453	2 356	5 989	4 716	4 864	15 383
Horses and ponies sold farms	172	93	260	232	255	658
number	660	336	1 391	839	948	1 644
Goats inventory farms	82	41	147	106	114	288
number	417	171	1 187	1 190	592	1 417
Goats sold farms	30	17	47	44	41	90
number	202	135	463	532	317	448
POULTRY						
Chickens 3 months old or older inventory farms	495	247	643	483	409	706
number	61 690	36 693	73 918	26 838	19 485	23 588
Farms with—						
1 to 399	468	230	615	475	406	705
400 to 3,199	25	15	26	8	3	1
3,200 to 9,999	2	2	1	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	1	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Hens and pullets of laying age farms	489	243	636	476	406	697
number	50 221	25 595	67 480	24 892	17 600	21 644
Pullets 3 months old or older not of laying age farms	45	30	82	35	45	85
number	11 469	11 098	6 438	1 946	1 885	1 944
Hens and pullets sold farms	76	20	85	50	35	69
number	44 982	9 982	58 493	24 468	8 917	11 369
Broilers and other meat-type chickens sold farms	139	39	122	94	66	132
number	47 218	31 015	49 041	37 390	17 200	29 261
Farms with—						
1 to 1,999	135	37	119	89	65	132
2,000 to 59,999	4	2	3	5	1	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Turkey hens kept for breeding farms	22	14	63	40	35	79
number	141	81	295	123	137	355
Turkeys sold farms	20	14	31	27	23	37
number	1 957	3 817	1 930	766	806	596

See footnotes at end of table.

Table 52. Summary by Value of Agricultural Products Sold: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
CROPS HARVESTED							
Corn for grain or seed farms	83 301	355	1 447	4 674	19 346	19 422	5 472
acres	10 147 051	198 924	646 129	1 488 025	3 745 295	2 330 786	473 337
bushels	1 274 388 346	27 540 609	89 062 449	199 858 360	484 040 183	285 227 084	55 548 106
Irrigated farms	453	9	29	59	152	106	14
acres	62 099	3 275	7 527	14 068	22 668	11 865	1 135
Farms by acres harvested:							
1 to 24 acres	11 524	4	10	29	184	468	287
25 to 99 acres	35 088	20	67	291	3 535	7 671	3 445
100 to 249 acres	27 186	67	341	1 708	10 803	10 370	1 692
250 to 499 acres	7 726	110	552	1 897	4 295	892	47
500 acres or more	1 777	154	477	749	529	21	1
Corn for silage or green chop farms	7 934	166	554	1 020	2 733	1 912	448
acres	205 176	21 308	45 290	36 056	82 508	35 674	7 469
tons, green	3 251 394	367 006	741 211	565 842	995 969	545 036	114 794
Irrigated farms	7	-	2	1	3	-	-
acres	110	-	(D)	(D)	30	-	-
Farms by acres harvested:							
1 to 24 acres	5 508	12	112	483	1 900	1 559	372
25 to 99 acres	2 112	74	291	471	782	320	70
100 to 249 acres	265	54	115	64	45	29	5
250 to 499 acres	41	20	28	2	6	4	1
500 acres or more	8	6	8	-	-	-	-
Sorghum for grain or seed farms	108	2	5	12	19	20	9
acres	4 376	(D)	1 054	658	952	763	171
bushels	334 779	(D)	113 634	42 629	67 145	47 100	13 478
Irrigated farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Wheat for grain farms	1 345	8	43	106	350	335	75
acres	31 047	1 308	2 148	4 187	9 093	7 144	1 306
bushels	1 180 360	59 253	92 218	157 447	362 612	290 536	48 657
Irrigated farms	2	-	-	-	2	-	-
acres	(D)	-	-	-	(D)	-	-
Farms by acres harvested:							
1 to 24 acres	998	3	32	64	238	245	61
25 to 99 acres	307	2	7	34	99	81	13
100 to 249 acres	33	2	2	5	12	8	1
250 to 499 acres	5	-	1	2	1	1	-
500 acres or more	2	1	1	1	-	-	-
Barley for grain farms	357	2	11	31	127	91	22
acres	6 545	(D)	504	797	2 477	1 360	362
bushels	358 125	(D)	37 100	47 303	142 340	73 935	17 936
Irrigated farms	7	1	1	-	1	3	-
acres	483	(D)	(D)	-	(D)	136	-
Oats for grain farms	25 398	81	441	1 692	7 479	6 651	1 646
acres	544 907	4 122	17 791	51 245	184 147	140 264	32 886
bushels	30 918 660	285 268	1 104 722	3 329 158	11 213 962	7 826 649	1 696 417
Irrigated farms	16	1	1	-	5	4	-
acres	484	(D)	(D)	-	104	40	-
Farms by acres harvested:							
1 to 24 acres	18 021	29	189	909	4 732	4 724	1 233
25 to 99 acres	7 125	44	226	737	2 651	1 871	401
100 to 249 acres	238	7	21	44	92	54	11
250 to 499 acres	13	1	4	2	4	2	1
500 acres or more	1	-	1	-	-	-	-
Soybeans for beans farms	66 278	267	1 192	4 049	16 626	16 600	4 607
acres	7 903 395	84 112	348 152	1 016 622	2 983 540	2 001 183	397 607
bushels	326 081 351	3 638 016	15 645 862	44 961 652	126 485 910	80 319 767	15 543 422
Irrigated farms	221	1	5	23	70	62	8
acres	20 304	(D)	597	4 322	8 074	4 884	361
Farms by acres harvested:							
1 to 24 acres	10 200	8	38	149	732	1 009	411
25 to 99 acres	26 626	58	220	774	4 013	5 849	2 391
100 to 249 acres	22 245	93	414	1 454	7 701	8 952	1 780
250 to 499 acres	6 197	60	321	1 192	3 863	777	24
500 acres or more	1 010	48	199	480	317	13	1
Irish potatoes farms	104	-	1	9	17	7	3
acres	1 996	-	(D)	(D)	315	74	53
cwt	336 981	-	(D)	(D)	58 008	16 712	1 060
Irrigated farms	20	-	1	3	5	2	1
acres	1 158	-	(D)	388	212	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms	48 271	231	916	2 643	10 866	10 417	2 871
acres	1 968 207	29 864	92 664	185 152	605 489	456 522	104 773
tons, dry	5 612 944	102 845	305 925	580 645	1 673 786	1 320 346	282 368
Irrigated farms	45	2	5	3	10	4	2
acres	1 216	(D)	442	60	271	82	(D)
Farms by acres harvested:							
1 to 24 acres	22 645	23	134	688	3 487	4 041	1 271
25 to 99 acres	21 233	97	422	1 302	5 612	5 397	1 450
100 to 249 acres	4 085	94	306	591	1 636	940	147
250 to 499 acres	278	13	43	56	121	37	3
500 acres or more	30	4	11	6	10	2	-
Alfalfa hay farms	41 883	157	683	2 277	9 757	9 370	2 546
acres	1 380 550	15 775	50 274	118 788	423 226	336 417	76 737
tons, dry	4 444 233	64 915	199 593	436 723	1 493 306	1 089 161	230 644
Irrigated farms	31	1	3	3	8	3	1
acres	641	(D)	222	60	126	64	(D)

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
CROPS HARVESTED						
Corn for grain or seed farms	10 402	4 205	9 317	4 780	2 190	2 046
acres	701 510	223 746	364 573	118 740	35 562	19 348
bushels	80 519 853	24 817 180	38 947 757	11 577 187	3 189 147	1 601 040
Irrigated farms	47	4	23	11	3	5
acres	3 388	271	804	314	35	24
Farms by acres harvested:						
1 to 24 acres	832	552	2 626	2 781	1 799	1 956
25 to 99 acres	7 854	3 323	6 452	1 971	389	90
100 to 249 acres	1 681	325	237	27	2	-
250 to 499 acres	35	5	2	1	-	-
500 acres or more	-	-	-	-	-	-
Corn for silage or green chop farms	584	186	305	103	42	47
acres	9 198	2 524	4 137	1 284	492	544
tons, green	141 675	41 468	51 201	20 390	5 731	8 077
Irrigated farms	-	-	-	1	-	-
acres	-	-	-	(D)	-	-
Farms by acres harvested:						
1 to 24 acres	481	159	265	88	37	42
25 to 99 acres	99	27	38	15	5	4
100 to 249 acres	4	-	2	-	-	1
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Sorghum for grain or seed farms	10	4	15	3	7	4
acres	350	49	116	139	78	46
bushels	29 185	4 840	7 393	4 480	3 363	1 532
Irrigated farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Wheat for grain farms	119	44	140	83	26	24
acres	1 983	690	2 123	1 600	506	269
bushels	71 332	21 700	68 987	48 334	12 344	6 193
Irrigated farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	94	38	120	63	22	21
25 to 99 acres	25	6	19	17	3	3
100 to 249 acres	-	-	1	3	1	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Barley for grain farms	23	10	24	7	3	8
acres	394	135	291	101	37	67
bushels	16 694	3 290	13 375	2 750	1 830	1 572
Irrigated farms	1	1	-	-	-	-
acres	(D)	(D)	-	-	-	-
Oats for grain farms	2 755	975	2 093	918	368	380
acres	50 530	16 227	32 427	11 744	4 043	3 603
bushels	2 610 791	820 702	1 484 601	509 920	174 377	147 361
Irrigated farms	4	-	1	1	-	-
acres	62	-	(D)	(D)	-	-
Farms by acres harvested:						
1 to 24 acres	2 152	789	1 771	821	341	360
25 to 99 acres	592	186	319	96	26	20
100 to 249 acres	11	-	3	1	1	-
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Soybeans for beans farms	8 729	3 374	7 360	3 335	1 419	987
acres	587 865	177 101	280 824	79 477	21 784	9 240
bushels	22 761 932	6 552 007	10 207 618	2 651 975	682 237	268 969
Irrigated farms	22	4	14	9	3	1
acres	1 229	170	445	194	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	1 021	597	2 108	1 986	1 205	944
25 to 99 acres	6 144	2 546	5 097	1 335	214	43
100 to 249 acres	1 548	227	155	14	-	-
250 to 499 acres	16	4	-	-	-	-
500 acres or more	-	-	-	-	-	-
Irish potatoes farms	7	4	15	24	8	9
acres	10	3	65	24	7	5
cwt.	753	626	12 539	5 539	1 301	361
Irrigated farms	1	-	5	2	-	-
acres	(D)	-	20	(D)	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms	5 289	2 101	5 078	3 138	1 901	3 051
acres	177 605	66 495	140 792	69 555	31 980	37 180
tons, dry	480 690	163 507	331 836	152 411	65 569	66 861
Irrigated farms	7	1	5	1	1	6
acres	136	(D)	95	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	2 628	1 084	2 966	2 131	1 498	2 717
25 to 99 acres	2 433	940	1 982	975	394	326
100 to 249 acres	218	76	123	31	9	8
250 to 499 acres	10	1	6	1	-	-
500 acres or more	-	-	1	-	-	-
Alfalfa hay farms	4 575	1 793	4 259	2 595	1 529	2 499
acres	129 976	48 760	98 820	49 073	21 997	26 480
tons, dry	377 888	132 618	261 468	119 792	50 665	52 375
Irrigated farms	3	1	4	-	1	4
acres	64	(D)	53	-	(D)	(D)

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
			$1,000,000 or more	Total				
CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text)	farms	54	1	3	5	23	16	3
	acres	11	1	1	5	2	3	-
Irrigated	farms	2	-	1	-	1	-	-
	acres	80	-	1	-	6	8	3
Farms by acres harvested:								
0.1 to 4.9 acres		104	-	(D)	-	3	5	2
5.0 to 24.9 acres		13	-	-	-	1	3	-
25.0 to 99.9 acres		10	-	-	-	(D)	2	-
100.0 to 249.9 acres		30	1	1	-	6	5	1
250.0 acres or more		236	(D)	(D)	-	187	2	(D)
Land in orchards	farms	21	-	-	-	9	3	2
	acres	1	1	1	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-
	acres	458	2	3	12	35	38	15
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		2 488	(D)	243	25	493	212	96
5.0 to 24.9 acres		11 270 927	(D)	108 000	75 [illegible]	5 163 082	1 286 174	670 000
25.0 to 99.9 acres		77	-	-	1	8	8	2
100.0 to 249.9 acres		29	-	-	(D)	16	2	(D)
250.0 acres or more		18 728	-	-	(D)	13 605	1 085	(D)

See footnotes at end of table.

Table 52. **Summary by Value of Agricultural Products Sold: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
CROPS HARVESTED—Con.							
Vegetables harvested for sale (see text)	farms	5	2	7	-	-	-
	acres	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-
	acres	1	6	13	19	16	7
Farms by acres harvested:							
0.1 to 4.9 acres		(D)	(D)	35	45	7	4
5.0 to 24.9 acres		-	-	3	2	4	-
25.0 to 99.9 acres		-	-	2	(D)	1	-
100.0 to 249.9 acres		1	2	5	2	6	1
250.0 acres or more		(D)	(D)	4	(D)	1	(D)
Land in orchards	farms	1	3	2	1	-	-
	acres	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-
	acres	35	21	37	63	61	138
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		169	169	209	292	200	352
5.0 to 24.9 acres		1 273 320	558 381	744 034	705 962	469 046	217 473
25.0 to 99.9 acres		7	2	4	6	14	25
100.0 to 249.9 acres		1	(D)	1	2	4	4
250.0 acres or more		485	(D)	301	1 835	460	707

[1] Data are based on a sample of farms.

[2] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 53. Summary by Standard Industrial Classification of Farm: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
FARMS AND LAND IN FARMS									
Farms	number	105 180	50 200	1 451	-	-	1 451	213	195
	percent	100.0	47.7	1.4	-	-	1.4	.2	.2
Land in farms	acres	31 638 130	18 137 472	131 518	-	-	131 518	15 931	7 090
Average size of farm	acres	301	361	91	-	-	91	75	36
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	105 180	50 200	1 451	-	-	1 451	213	195
	$1,000	8 926 799	3 142 700	10 682	-	-	10 682	5 687	2 713
Average per farm	dollars	84 872	62 604	7 362	-	-	7 362	26 696	13 912
Farms by value of sales:									
Less than $1,000 (see text)		3 782	593	535	-	-	535	22	63
$1,000 to $2,499		5 017	1 746	317	-	-	317	25	26
$2,500 to $4,999		5 498	2 009	222	-	-	222	46	34
$5,000 to $9,999		8 252	3 735	173	-	-	173	41	26
$10,000 to $19,999		12 427	7 057	109	-	-	109	37	14
$20,000 to $24,999		5 009	3 063	21	-	-	21	5	7
$25,000 to $39,999		11 756	7 326	40	-	-	40	8	8
$40,000 to $49,999		5 996	3 647	10	-	-	10	4	4
$50,000 to $99,999		20 656	11 391	15	-	-	15	9	6
$100,000 to $249,999		20 200	8 263	5	-	-	5	14	7
$250,000 to $499,999		4 957	1 241	2	-	-	2	1	-
$500,000 to $999,999		1 220	115	1	-	-	1	1	-
$1,000,000 or more		410	14	1	-	-	1	-	-
Grains	farms	81 042	50 170	354	-	-	354	55	22
	$1,000	3 563 323	2 640 347	1 982	-	-	1 982	622	90
Sales of $50,000 or more	farms	23 982	18 341	3	-	-	3	6	-
	$1,000	2 507 136	1 986 397	419	-	-	419	392	-
Corn for grain	farms	72 356	48 145	257	-	-	257	32	12
	$1,000	1 961 527	1 464 171	1 408	-	-	1 408	376	60
Wheat	farms	1 188	639	11	-	-	11	3	-
	$1,000	2 726	1 796	6	-	-	6	11	-
Soybeans	farms	68 166	44 666	108	-	-	108	32	7
	$1,000	1 573 168	1 159 681	447	-	-	447	220	27
Sorghum for grain	farms	57	34	2	-	-	2	-	-
	$1,000	477	279	(D)	-	-	(D)	-	-
Barley	farms	81	25	1	-	-	1	-	-
	$1,000	116	44	(D)	-	-	(D)	-	-
Oats	farms	11 842	5 754	100	-	-	100	5	3
	$1,000	19 604	10 192	95	-	-	95	5	1
Other grains	farms	677	385	4	-	-	4	11	4
	$1,000	5 705	4 183	22	-	-	22	10	1
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	12 947	5 599	1 434	-	-	1 434	21	2
	$1,000	46 460	17 668	6 811	-	-	6 811	20	(D)
Sales of $50,000 or more	farms	30	3	10	-	-	10	-	-
	$1,000	3 365	209	1 821	-	-	1 821	-	-
Vegetables, sweet corn, and melons	farms	596	144	9	-	-	9	213	37
	$1,000	7 541	800	256	-	-	256	4 760	151
Sales of $50,000 or more	farms	30	4	2	-	-	2	20	-
	$1,000	4 384	(D)	(D)	-	-	(D)	3 247	-
Fruits, nuts, and berries	farms	371	48	10	-	-	10	28	155
	$1,000	2 853	107	1	-	-	1	54	2 410
Sales of $50,000 or more	farms	13	-	-	-	-	-	-	12
	$1,000	1 390	-	-	-	-	-	-	(D)
Nursery and greenhouse crops	farms	357	17	-	-	-	-	18	2
	$1,000	38 241	107	-	-	-	-	52	(D)
Sales of $50,000 or more	farms	111	1	-	-	-	-	-	-
	$1,000	35 714	(D)	-	-	-	-	-	-
Other crops	farms	99	19	17	-	-	17	18	2
	$1,000	1 678	71	1 060	-	-	1 060	68	(D)
Sales of $50,000 or more	farms	7	-	5	-	-	5	-	-
	$1,000	1 259	-	(D)	-	-	(D)	-	-
Poultry and poultry products	farms	3 643	882	19	-	-	19	16	3
	$1,000	192 229	2 418	2	-	-	2	10	(Z)
Sales of $50,000 or more	farms	426	12	-	-	-	-	-	-
	$1,000	186 495	(D)	-	-	-	-	-	-
Dairy products	farms	7 048	359	3	-	-	3	-	-
	$1,000	392 284	9 939	32	-	-	32	-	-
Sales of $50,000 or more	farms	3 165	54	-	-	-	-	-	-
	$1,000	294 998	4 200	-	-	-	-	-	-
Cattle and calves	farms	50 509	13 738	117	-	-	117	15	11
	$1,000	2 124 641	203 429	402	-	-	402	62	51
Sales of $50,000 or more	farms	7 178	668	-	-	-	-	-	-
	$1,000	1 590 392	56 011	-	-	-	-	-	-

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
				Total	Beef cattle, except feedlots (0212)				
FARMS AND LAND IN FARMS									
Farms	number	278	1 039	43 979	10 095	4 209	570	1 601	1 445
	percent	.3	1.0	41.8	9.6	4.0	.5	1.5	1.4
Land in farms	acres	13 229	231 923	11 483 078	1 722 370	997 836	72 274	64 967	482 812
Average size of farm	acres	48	223	261	171	237	127	41	334
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms	278	1 039	43 979	10 095	4 209	570	1 601	1 445
	$1,000	38 520	37 276	4 946 285	274 761	392 666	196 396	14 105	139 767
Average per farm	dollars	138 562	35 876	112 469	27 218	93 292	344 558	8 810	96 725
Farms by value of sales:									
Less than $1,000 (see text)		4	432	1 015	598	10	70	802	236
$1,000 to $2,499		25	17	2 474	1 149	11	58	309	9
$2,500 to $4,999		24	27	2 909	1 589	15	24	171	17
$5,000 to $9,999		33	78	3 965	2 135	37	18	110	16
$10,000 to $19,999		32	94	4 703	1 996	230	9	89	48
$20,000 to $24,999		15	43	1 650	527	145	7	18	35
$25,000 to $39,999		20	86	3 679	829	458	10	26	95
$40,000 to $49,999		14	38	1 816	267	368	9	17	69
$50,000 to $99,999		35	123	7 144	519	1 459	71	37	366
$100,000 to $249,999		40	84	9 860	329	1 331	119	12	465
$250,000 to $499,999		19	13	3 388	102	131	75	6	81
$500,000 to $999,999		12	3	1 001	46	12	63	4	6
$1,000,000 or more		5	1	350	9	2	37	-	-
Grains	farms	27	598	25 912	3 427	2 410	238	77	1 179
	$1,000	266	15 856	821 249	37 730	36 740	8 599	639	36 933
Sales of $50,000 or more	farms	2	90	5 156	124	112	54	3	215
	$1,000	(D)	8 706	480 660	12 114	7 937	5 454	(D)	16 806
Corn for grain	farms	13	547	19 934	2 826	2 049	213	59	1 095
	$1,000	110	10 135	429 106	22 791	26 944	5 470	382	23 365
Wheat	farms	1	19	458	44	36	3	2	16
	$1,000	(D)	27	777	64	61	4	(D)	(D)
Soybeans	farms	16	375	20 931	1 945	995	166	28	842
	$1,000	147	5 295	382 577	14 293	8 693	3 061	239	12 782
Sorghum for grain	farms	-	-	17	2	1	3	-	-
	$1,000	-	-	175	(D)	(D)	7	-	-
Barley	farms	-	2	32	7	17	2	-	2
	$1,000	-	(D)	41	(D)	22	(D)	-	(D)
Oats	farms	6	166	4 807	472	626	36	14	325
	$1,000	(D)	373	7 332	481	(D)	51	(D)	636
Other grains	farms	-	7	225	24	27	2	-	12
	$1,000	-	(D)	1 240	71	118	(D)	-	107
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	10	576	4 691	786	285	35	67	227
	$1,000	(D)	3 804	15 000	1 666	1 612	(D)	106	(D)
Sales of $50,000 or more	farms	-	6	9	-	1	-	-	1
	$1,000	-	410	(D)	-	(D)	-	-	(D)
Vegetables, sweet corn, and melons	farms	20	32	120	17	7	7	4	3
	$1,000	116	978	434	33	16	18	1	12
Sales of $50,000 or more	farms	-	4	-	-	-	-	-	-
	$1,000	-	681	-	-	-	-	-	-
Fruits, nuts, and berries	farms	9	19	76	17	12	5	3	6
	$1,000	69	51	138	18	11	3	1	6
Sales of $50,000 or more	farms	1	-	-	-	-	-	-	-
	$1,000	(D)	-	-	-	-	-	-	-
Nursery and greenhouse crops	farms	278	11	26	5	2	1	2	-
	$1,000	37 952	54	(D)	7	(D)	(D)	(D)	-
Sales of $50,000 or more	farms	110	-	-	-	-	-	-	-
	$1,000	(D)	-	-	-	-	-	-	-
Other crops	farms	2	20	16	4	1	1	1	2
	$1,000	(D)	450	(D)	5	(D)	(D)	(D)	(D)
Sales of $50,000 or more	farms	-	2	-	-	-	-	-	-
	$1,000	-	(D)	-	-	-	-	-	-
Poultry and poultry products	farms	7	34	1 718	308	196	557	27	184
	$1,000	10	93	5 774	178	281	179 403	4	4 235
Sales of $50,000 or more	farms	-	1	28	-	-	355	-	30
	$1,000	-	(D)	3 769	-	-	177 866	-	3 337
Dairy products	farms	-	43	1 356	133	4 204	16	-	1 067
	$1,000	-	1 452	52 969	2 632	279 956	453	-	47 484
Sales of $50,000 or more	farms	-	12	407	13	2 324	4	-	384
	$1,000	-	904	33 943	949	226 248	325	-	29 379
Cattle and calves	farms	7	432	30 696	9 877	4 184	95	46	1 168
	$1,000	16	5 906	1 845 295	215 725	46 686	1 654	219	20 921
Sales of $50,000 or more	farms	-	18	6 326	728	77	5	1	83
	$1,000	-	1 271	1 519 908	122 774	5 986	(D)	(D)	6 328

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs farms	38 638	8 525	32	-	-	32	6	-
$1,000	2 494 231	258 587	60	-	-	60	24	-
Sales of $50,000 or more farms	15 528	1 631	-	-	-	-	-	-
$1,000	2 058 777	140 600	-	-	-	-	-	-
Sheep, lambs, and wool farms	8 922	2 934	58	-	-	58	11	-
$1,000	46 157	7 936	40	-	-	40	12	-
Sales of $50,000 or more farms	77	2	-	-	-	-	-	-
$1,000	21 114	(D)	-	-	-	-	-	-
Other livestock and livestock products (see text) farms	3 417	698	65	-	-	65	9	12
$1,000	17 139	1 292	36	-	-	36	2	8
Sales of $50,000 or more farms	60	2	-	-	-	-	-	-
$1,000	8 648	(D)	-	-	-	-	-	-
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses farms	105 184	51 031	1 270	-	-	1 270	179	181
$1,000	6 647 645	2 320 515	9 167	-	-	9 167	3 823	2 777
Average per farm dollars	63 200	45 473	7 218	-	-	7 218	21 357	15 344
Livestock and poultry purchased farms	46 066	11 906	139	-	-	139	18	12
$1,000	1 358 161	117 773	111	-	-	111	11	(D)
Farms with expenses of—								
$1 to $4,999	20 895	6 521	138	-	-	138	18	12
$5,000 to $24,999	14 932	4 222	1	-	-	1	-	-
$25,000 to $99,999	7 811	1 072	-	-	-	-	-	-
$100,000 or more	2 428	91	-	-	-	-	-	-
Feed for livestock and poultry farms	64 752	18 064	260	-	-	260	25	29
$1,000	1 101 866	98 927	133	-	-	133	61	17
Farms with expenses of—								
$1 to $4,999	31 369	12 405	259	-	-	259	25	29
$5,000 to $24,999	22 076	4 940	1	-	-	1	-	-
$25,000 to $99,999	9 846	710	-	-	-	-	-	-
$100,000 or more	1 461	9	-	-	-	-	-	-
Commercially mixed formula feeds farms	33 282	8 160	77	-	-	77	12	22
$1,000	475 104	37 379	37	-	-	37	2	(D)
Farms with expenses of—								
$1 to $4,999	17 634	5 936	77	-	-	77	12	22
$5,000 to $24,999	11 352	2 005	-	-	-	-	-	-
$25,000 to $79,999	3 545	207	-	-	-	-	-	-
$80,000 or more	751	12	-	-	-	-	-	-
Seeds, bulbs, plants, and trees farms	68 807	50 609	584	-	-	584	145	59
$1,000	308 197	188 257	462	-	-	462	246	55
Farms with expenses of—								
$1 to $999	23 074	11 663	494	-	-	494	84	45
$1,000 to $4,999	45 976	26 391	86	-	-	86	53	12
$5,000 to $24,999	19 426	12 354	3	-	-	3	8	2
$25,000 or more	331	201	1	-	-	1	-	-
Commercial fertilizer farms	83 067	47 195	544	-	-	544	124	75
$1,000	467 355	277 859	600	-	-	600	320	34
Farms with expenses of—								
$1 to $4,999	51 929	28 889	532	-	-	532	109	75
$5,000 to $24,999	29 100	17 005	10	-	-	10	13	-
$25,000 to $49,999	1 788	1 150	1	-	-	1	2	-
$50,000 or more	250	151	1	-	-	1	-	-
Agricultural chemicals farms	86 631	48 351	566	-	-	566	157	128
$1,000	309 894	196 180	449	-	-	449	661	189
Farms with expenses of—								
$1 to $4,999	66 563	35 278	556	-	-	556	131	122
$5,000 to $24,999	19 490	12 679	8	-	-	8	25	6
$25,000 to $49,999	514	360	2	-	-	2	-	-
$50,000 or more	64	34	-	-	-	-	1	-
Petroleum products farms	100 939	49 874	1 126	-	-	1 126	173	169
$1,000	315 061	158 889	885	-	-	885	205	154
Farms with expenses of—								
$1 to $4,999	81 446	40 096	1 107	-	-	1 107	165	166
$5,000 to $24,999	19 169	9 660	17	-	-	17	7	3
$25,000 to $49,999	274	103	1	-	-	1	1	-
$50,000 or more	50	15	1	-	-	1	-	-
Gasoline and gasohol farms	87 982	41 949	979	-	-	979	129	162
$1,000	105 047	47 304	473	-	-	473	82	104
Diesel fuel farms	73 400	40 468	329	-	-	329	97	53
$1,000	136 878	76 016	269	-	-	269	79	24
Natural gas farms	5 064	2 795	13	-	-	13	1	15
$1,000	6 637	2 934	4	-	-	4	(D)	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms	86 862	44 077	552	-	-	552	112	107
$1,000	66 500	32 634	139	-	-	139	(D)	(D)

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs farms	3	263	27 686	1 013	1 278	82	20	743
$1,000	63	8 433	2 166 392	14 947	26 962	5 978	42	27 691
Sales of $50,000 or more farms	-	47	13 497	64	126	34	-	193
$1,000	-	5 094	1 882 243	7 232	9 485	5 108	-	16 248
Sheep, lambs, and wool farms	7	64	5 492	693	193	33	33	97
$1,000	5	144	37 276	1 377	277	161	36	270
Sales of $50,000 or more farms	-	-	73	-	-	1	-	1
$1,000	-	-	20 826	-	-	(D)	-	(D)
Other livestock and livestock products (see text) farms	6	28	1 282	339	119	22	1 081	95
$1,000	14	54	1 670	444	125	25	13 055	859
Sales of $50,000 or more farms	-	-	3	1	-	-	53	2
$1,000	-	-	276	(D)	-	-	7 932	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses farms	264	1 191	43 266	10 092	4 142	601	1 575	1 484
$1,000	24 660	32 421	3 706 122	225 483	267 514	166 337	15 416	98 892
Average per farm dollars	93 410	27 221	85 659	22 343	64 586	276 767	9 788	66 639
Livestock and poultry purchased farms	2	406	29 418	4 393	2 148	551	542	924
$1,000	(D)	2 986	1 179 581	75 029	17 233	27 020	2 725	10 704
Farms with expenses of—								
$1 to $4,999	1	225	11 672	2 699	1 212	227	413	456
$5,000 to $24,999	1	163	9 158	1 207	802	125	108	352
$25,000 to $99,999	-	16	6 328	349	131	136	18	110
$100,000 or more	-	2	2 260	138	3	63	3	6
Feed for livestock and poultry farms	18	623	38 773	7 630	4 053	565	1 050	1 292
$1,000	9	3 703	818 313	29 496	63 043	95 348	2 652	19 661
Farms with expenses of—								
$1 to $4,999	18	447	15 657	6 610	880	224	989	436
$5,000 to $24,999	-	156	13 801	865	2 486	26	38	628
$25,000 to $99,999	-	19	8 093	131	662	131	19	212
$100,000 or more	-	1	1 222	24	25	184	4	16
Commercially mixed formula feeds farms	9	255	18 692	2 816	4 023	565	359	1 108
$1,000	(D)	996	292 914	8 223	37 886	94 370	650	10 848
Farms with expenses of—								
$1 to $4,999	9	210	8 570	2 483	1 636	224	349	589
$5,000 to $24,999	-	38	6 722	292	2 130	35	-	422
$25,000 to $79,999	-	6	2 879	33	245	112	9	87
$80,000 or more	-	1	521	8	12	194	1	10
Seeds, bulbs, plants, and trees farms	180	770	30 957	4 982	3 728	257	218	1 300
$1,000	3 582	1 719	99 919	5 741	8 693	631	132	4 300
Farms with expenses of—								
$1 to $999	75	339	8 950	3 461	925	106	190	203
$1,000 to $4,999	39	352	15 635	1 333	2 432	120	23	833
$5,000 to $24,999	52	76	6 264	186	370	30	5	262
$25,000 or more	14	3	108	2	1	1	-	2
Commercial fertilizer farms	152	671	29 179	4 559	3 475	241	208	1 203
$1,000	508	2 241	163 534	9 663	14 185	829	219	7 023
Farms with expenses of—								
$1 to $4,999	131	527	18 048	4 062	2 550	195	199	674
$5,000 to $24,999	18	140	10 437	481	908	46	9	514
$25,000 to $49,999	1	4	600	12	15	-	-	15
$50,000 or more	2	-	94	4	2	-	-	-
Agricultural chemicals farms	206	742	31 074	5 221	3 522	287	350	1 248
$1,000	283	1 582	99 030	5 675	6 965	646	123	3 786
Farms with expenses of—								
$1 to $4,999	191	651	24 829	5 024	3 203	253	344	1 005
$5,000 to $24,999	15	89	6 069	190	317	33	6	243
$25,000 to $49,999	-	-	149	6	2	1	-	-
$50,000 or more	-	2	27	1	-	-	-	-
Petroleum products farms	244	1 066	41 197	9 309	4 059	518	1 122	1 391
$1,000	1 412	2 026	128 686	10 585	13 787	3 029	773	5 216
Farms with expenses of—								
$1 to $4,999	193	968	32 991	8 989	3 245	400	1 115	1 000
$5,000 to $24,999	35	95	8 047	315	809	101	5	390
$25,000 to $49,999	11	3	134	5	5	13	2	1
$50,000 or more	5	-	25	-	-	4	-	-
Gasoline and gasohol farms	224	957	37 095	8 188	3 773	432	1 009	1 273
$1,000	448	846	46 962	5 618	5 812	676	504	1 836
Diesel fuel farms	101	564	26 919	3 850	3 292	206	248	1 123
$1,000	204	764	51 292	3 131	5 400	553	92	2 185
Natural gas farms	54	66	1 775	238	140	73	34	98
$1,000	655	53	2 153	98	136	593	9	98
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms	177	745	34 939	6 506	3 904	396	576	1 277
$1,000	105	363	28 280	1 738	2 439	1 208	168	1 096

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)					
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity farms	90 255	42 529	700	-	-	700	93	119
$1,000	126 591	46 601	272	-	-	272	34	88
Farms with expenses of—								
$1 to $999	47 918	24 872	640	-	-	640	86	91
$1,000 to $4,999	39 358	17 063	59	-	-	59	7	25
$5,000 to $24,999	2 896	587	1	-	-	1	-	3
$25,000 or more	83	7	-	-	-	-	-	-
Hired farm labor farms	49 121	22 717	252	-	-	252	76	82
$1,000	282 515	87 238	433	-	-	433	695	449
Farms with expenses of—								
$1 to $4,999	37 600	18 662	248	-	-	248	57	68
$5,000 to $24,999	8 880	3 314	-	-	-	-	9	9
$25,000 to $99,999	2 443	713	3	-	-	3	9	5
$100,000 or more	198	28	1	-	-	1	1	-
Contract labor farms	8 078	3 830	91	-	-	91	37	37
$1,000	21 032	8 303	102	-	-	102	51	374
Farms with expenses of—								
$1 to $999	3 846	1 959	63	-	-	63	27	8
$1,000 to $4,999	3 123	1 440	28	-	-	28	9	15
$5,000 to $24,999	1 032	412	-	-	-	-	1	4
$25,000 or more	77	19	-	-	-	-	-	10
Repair and maintenance farms	91 920	44 032	859	-	-	859	152	154
$1,000	407 270	183 591	1 260	-	-	1 260	273	298
Farms with expenses of—								
$1 to $4,999	63 247	31 017	825	-	-	825	136	123
$5,000 to $24,999	27 602	12 704	32	-	-	32	14	31
$25,000 to $49,999	905	281	2	-	-	2	2	-
$50,000 or more	166	30	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment farms	57 354	28 098	459	-	-	459	63	48
$1,000	133 395	75 718	340	-	-	340	92	34
Farms with expenses of—								
$1 to $999	25 122	10 881	399	-	-	399	43	42
$1,000 to $4,999	25 700	13 379	57	-	-	57	17	5
$5,000 to $24,999	6 238	3 631	1	-	-	1	3	1
$25,000 or more	294	207	2	-	-	2	-	-
Interest expense farms	67 262	32 571	460	-	-	460	88	110
$1,000	579 338	266 099	1 185	-	-	1 185	321	287
Farms with expenses of—								
$1 to $4,999	37 493	18 164	411	-	-	411	80	98
$5,000 to $24,999	24 442	12 091	48	-	-	48	5	12
$25,000 to $99,999	5 121	2 245	1	-	-	1	3	-
$100,000 or more	206	71	-	-	-	-	-	-
Secured by real estate farms	44 371	20 463	335	-	-	335	51	91
$1,000	390 226	182 811	946	-	-	946	240	248
Farms with expenses of—								
$1 to $999	6 684	2 635	63	-	-	63	15	24
$1,000 to $4,999	16 369	7 493	233	-	-	233	29	57
$5,000 to $24,999	17 889	8 761	38	-	-	38	5	10
$25,000 or more	3 429	1 574	1	-	-	1	2	-
Not secured by real estate farms	41 208	20 529	208	-	-	208	48	46
$1,000	189 113	83 289	239	-	-	239	82	39
Farms with expenses of—								
$1 to $999	13 476	6 438	155	-	-	155	29	34
$1,000 to $4,999	16 664	8 967	44	-	-	44	17	11
$5,000 to $24,999	10 034	4 818	9	-	-	9	2	1
$25,000 or more	1 034	306	-	-	-	-	-	-
Cash rent farms	41 375	22 564	165	-	-	165	47	13
$1,000	492 800	293 411	637	-	-	637	362	21
Farms with expenses of—								
$1 to $4,999	15 835	7 776	117	-	-	117	39	11
$5,000 to $9,999	8 684	4 956	41	-	-	41	3	2
$10,000 to $24,999	11 593	6 469	6	-	-	6	2	-
$25,000 or more	5 263	3 363	1	-	-	1	3	-
Property taxes farms	87 431	40 077	1 165	-	-	1 165	157	173
$1,000	230 810	119 547	1 261	-	-	1 261	227	171
Farms with expenses of—								
$1 to $4,999	75 206	33 397	1 155	-	-	1 155	146	166
$5,000 to $9,999	9 596	5 172	7	-	-	7	11	7
$10,000 to $24,999	2 474	1 427	3	-	-	3	-	-
$25,000 or more	155	81	-	-	-	-	-	-
All other farm production expenses farms	101 919	49 409	1 060	-	-	1 060	148	159
$1,000	513 358	202 123	1 037	-	-	1 037	263	599
Farms with expenses of—								
$1 to $4,999	73 591	37 595	1 053	-	-	1 053	139	137
$5,000 to $24,999	25 444	10 898	3	-	-	3	7	17
$25,000 to $49,999	2 166	749	2	-	-	2	2	4
$50,000 or more	718	169	2	-	-	2	-	1

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity .... farms..	212	841	38 753	8 147	4 059	532	1 059	1 358
$1,000..	664	815	61 344	5 058	10 842	2 529	507	2 684
Farms with expenses of—								
$1 to $999	120	584	19 518	6 875	492	227	953	335
$1,000 to $4,999	69	237	17 430	1 225	3 256	192	95	925
$5,000 to $24,999	14	20	1 754	47	309	99	11	98
$25,000 or more	9	-	51	-	2	14	-	-
Hired farm labor .... farms..	167	364	21 240	3 025	2 721	308	368	826
$1,000..	9 331	1 763	151 928	6 596	14 460	11 068	1 016	4 113
Farms with expenses of—								
$1 to $4,999	74	269	15 201	2 736	1 914	155	331	621
$5,000 to $24,999	24	87	4 473	233	704	62	21	177
$25,000 to $99,999	50	7	1 445	54	100	69	15	27
$100,000 or more	19	1	121	2	3	22	1	1
Contract labor .... farms..	72	97	3 344	614	297	106	93	74
$1,000..	926	91	9 204	699	636	1 066	84	194
Farms with expenses of—								
$1 to $999	13	78	1 455	412	142	15	69	17
$1,000 to $4,999	35	16	1 339	172	134	35	23	49
$5,000 to $24,999	16	3	522	29	18	47	1	8
$25,000 or more	8	-	28	1	3	9	-	-
Repair and maintenance .... farms..	211	948	38 696	8 220	3 970	498	1 057	1 343
$1,000..	1 176	2 778	183 412	14 525	22 299	3 315	1 335	7 534
Farms with expenses of—								
$1 to $4,999	141	775	25 939	7 517	2 212	353	1 016	710
$5,000 to $24,999	59	168	12 106	687	1 717	121	32	618
$25,000 to $49,999	5	4	538	15	35	17	9	12
$50,000 or more	6	1	113	1	6	7	-	3
Customwork, machine hire, and rental of machinery and equipment .... farms..	69	500	23 737	4 452	2 962	203	338	877
$1,000..	136	881	46 955	4 955	6 403	545	154	2 137
Farms with expenses of—								
$1 to $999	55	273	11 577	3 062	1 148	128	296	280
$1,000 to $4,999	8	176	9 958	1 242	1 510	44	39	507
$5,000 to $24,999	5	51	2 129	143	298	27	3	89
$25,000 or more	1	-	73	5	6	4	-	1
Interest expense .... farms..	148	602	27 846	4 808	3 122	384	796	1 135
$1,000..	1 837	3 686	259 382	18 116	28 907	4 322	2 524	10 788
Farms with expenses of—								
$1 to $4,999	118	366	15 381	3 829	1 410	235	696	534
$5,000 to $24,999	12	209	9 909	897	1 469	102	67	498
$25,000 to $99,999	17	27	2 435	77	237	42	12	102
$100,000 or more	1	-	121	5	6	5	1	1
Secured by real estate .... farms..	131	379	19 229	3 349	1 961	284	587	860
$1,000..	775	2 235	170 279	12 250	19 049	3 097	2 098	8 448
Farms with expenses of—								
$1 to $999	28	73	3 330	1 110	173	80	165	98
$1,000 to $4,999	78	162	6 940	1 529	649	88	354	286
$5,000 to $24,999	18	132	7 399	664	993	86	56	391
$25,000 or more	7	12	1 560	46	146	30	12	85
Not secured by real estate .... farms..	53	381	16 725	2 450	2 072	188	378	580
$1,000..	1 063	1 450	89 103	5 866	9 857	1 225	426	2 340
Farms with expenses of—								
$1 to $999	26	157	5 632	1 355	525	64	243	173
$1,000 to $4,999	9	141	6 180	834	866	71	123	235
$5,000 to $24,999	11	75	4 268	232	629	42	12	167
$25,000 or more	7	8	645	29	52	11	-	5
Cash rent .... farms..	42	310	15 344	1 717	1 891	125	158	716
$1,000..	195	3 426	169 848	7 261	15 834	1 144	210	7 712
Farms with expenses of—								
$1 to $4,999	31	129	6 371	1 321	883	57	154	267
$5,000 to $9,999	7	65	2 996	199	427	28	3	156
$10,000 to $24,999	3	81	4 283	159	495	31	1	222
$25,000 or more	1	35	1 694	38	86	9	-	71
Property taxes .... farms..	242	1 079	37 938	9 243	3 341	556	1 409	1 294
$1,000..	567	1 840	91 712	13 522	8 954	1 567	1 047	3 916
Farms with expenses of—								
$1 to $4,999	227	1 023	33 174	8 904	2 957	477	1 393	1 091
$5,000 to $9,999	8	42	3 768	297	343	53	13	172
$10,000 to $24,999	5	12	935	38	39	21	3	29
$25,000 or more	2	2	61	4	2	5	-	2
All other farm production expenses .... farms..	242	1 035	42 347	9 618	4 142	574	1 368	1 435
$1,000..	4 023	2 883	243 273	18 562	35 074	13 256	1 913	8 913
Farms with expenses of—								
$1 to $4,999	167	878	29 219	8 922	1 908	407	1 335	753
$5,000 to $24,999	35	144	11 598	644	1 966	117	18	643
$25,000 to $49,999	28	10	1 069	32	235	24	11	32
$50,000 or more	12	3	461	20	33	28	4	7

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item				Field crops, except cash grains (013)					
		Total	Cash grains (011)	Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]									
All farms	number	106 184	51 031	1 270	-	-	1 270	179	181
	$1,000	2 146 997	847 694	-535	-	-	-535	1 383	140
Average per farm	dollars	20 412	16 611	-421	-	-	-421	7 726	775
Farms with net gains[2]	number	74 987	37 205	434	-	-	434	118	47
Average net gain	dollars	31 660	25 736	5 280	-	-	5 280	13 238	14 148
Gain of–									
Less than $1,000		4 767	2 103	166	-	-	166	32	6
$1,000 to $9,999		22 906	12 504	227	-	-	227	41	24
$10,000 to $49,999		33 147	17 076	38	-	-	38	34	14
$50,000 or more		14 167	5 522	3	-	-	3	11	3
Farms with net losses	number	30 197	13 826	836	-	-	836	61	134
Average net loss	dollars	7 521	7 947	3 381	-	-	3 381	2 936	3 915
Loss of–									
Less than $1,000		4 943	2 084	204	-	-	204	16	34
$1,000 to $9,999		16 984	8 358	601	-	-	601	43	94
$10,000 to $49,999		5 889	3 209	31	-	-	31	2	6
$50,000 or more		381	175	-	-	-	-	-	-
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments	farms	75 203	43 203	354	-	-	354	47	15
	$1,000	1 153 713	719 750	2 012	-	-	2 012	342	47
Other farm-related income[1]	farms	30 370	14 885	297	-	-	297	46	35
	$1,000	132 006	65 992	1 274	-	-	1 274	123	212
Customwork and other agricultural services	farms	15 001	8 162	87	-	-	87	27	-
	$1,000	61 977	36 200	204	-	-	204	(D)	-
Gross cash rent or share payments	farms	8 633	3 649	183	-	-	183	19	33
	$1,000	58 000	24 145	1 052	-	-	1 052	93	211
Forest products and Christmas trees	farms	710	224	-	-	-	-	-	-
	$1,000	1 876	487	-	-	-	-	-	-
Other farm-related income sources	farms	11 908	5 746	42	-	-	42	1	7
	$1,000	10 156	5 160	18	-	-	18	(D)	1
COMMODITY CREDIT CORPORATION LOANS									
Total	farms	51 178	31 844	59	-	-	59	17	5
	$1,000	1 596 775	1 090 245	693	-	-	693	294	46
Corn	farms	50 551	31 513	59	-	-	59	17	4
	$1,000	1 296 123	866 827	624	-	-	624	234	(D)
Wheat	farms	61	35	2	-	-	2	-	-
	$1,000	127	(D)	(D)	-	-	(D)	-	-
Soybeans	farms	14 094	9 910	4	-	-	4	6	-
	$1,000	296 747	223 213	(D)	-	-	(D)	60	-
Sorghum, barley, and oats	farms	86	49	-	-	-	-	-	-
	$1,000	190	105	-	-	-	-	-	-
Cotton	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	70	1	-	-	-	-	-	1
	$1,000	1 587	(D)	-	-	-	-	-	(D)
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	96 749	50 200	1 451	-	-	1 451	213	195
	acres	27 290 868	16 333 632	93 785	-	-	93 785	12 208	3 984
Harvested cropland	farms	92 878	50 200	1 451	-	-	1 451	213	195
	acres	20 484 178	12 688 908	62 399	-	-	62 399	9 613	2 553
Farms by acres harvested:									
1 to 49 acres		17 548	6 601	1 089	-	-	1 089	177	187
50 to 99 acres		13 956	7 652	229	-	-	229	14	6
100 to 199 acres		23 454	12 573	95	-	-	95	10	1
200 to 499 acres		29 005	17 132	34	-	-	34	11	1
500 to 999 acres		7 723	5 340	1	-	-	1	-	-
1,000 to 1,999 acres		1 114	841	3	-	-	3	1	-
2,000 acres or more		78	61	-	-	-	-	-	-
Cropland:									
Pasture or grazing only	farms	36 766	12 881	359	-	-	359	30	36
	acres	2 283 547	759 494	12 133	-	-	12 133	505	607
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	27 088	16 781	214	-	-	214	28	29
	acres	1 670 711	1 065 721	9 297	-	-	9 297	457	400
On which all crops failed	farms	1 640	814	30	-	-	30	21	5
	acres	45 013	26 210	388	-	-	388	132	(D)
In cultivated summer fallow	farms	844	358	10	-	-	10	4	3
	acres	45 160	21 128	382	-	-	382	166	(D)
Idle	farms	42 114	25 762	236	-	-	236	43	31
	acres	2 762 259	1 772 171	9 186	-	-	9 186	1 335	393
Total woodland	farms	24 782	9 534	464	-	-	464	48	78
	acres	1 316 448	484 254	14 964	-	-	14 964	1 638	1 969
Woodland pastured	farms	14 393	4 267	163	-	-	163	12	17
	acres	774 976	219 318	4 444	-	-	4 444	270	563
Woodland not pastured	farms	14 477	6 474	345	-	-	345	41	65
	acres	541 472	264 936	10 520	-	-	10 520	1 368	1 406

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
				Total	Beef cattle, except feedlots (0212)				
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]									
All farms	number	264	1 191	43 266	10 092	4 142	601	1 575	1 484
	$1,000	10 844	7 024	1 085 721	32 910	135 976	22 204	-2 116	38 660
Average per farm	dollars	41 075	5 897	25 094	3 261	32 829	36 945	-1 344	26 051
Farms with net gains[2]	number	201	443	31 100	5 352	3 784	287	261	1 107
Average net gain	dollars	57 277	25 204	37 866	10 650	36 733	96 125	15 252	37 151
Gain of—									
Less than $1,000		35	15	2 231	951	82	11	75	11
$1,000 to $9,999		58	193	8 955	3 068	545	63	123	173
$10,000 to $49,999		58	170	12 762	1 129	2 152	116	41	686
$50,000 or more		50	65	7 152	204	1 005	97	22	237
Farms with net losses	number	63	748	12 166	4 740	358	314	1 314	377
Average net loss	dollars	10 617	5 538	7 556	5 082	8 433	17 146	4 640	6 543
Loss of—									
Less than $1,000		14	121	2 036	832	80	44	246	64
$1,000 to $9,999		26	536	7 733	3 303	180	211	949	253
$10,000 to $49,999		23	82	2 222	589	96	49	111	58
$50,000 or more		-	9	175	16	2	10	8	2
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments	farms	18	533	26 937	4 056	2 556	222	179	1 139
	$1,000	112	6 641	380 556	29 911	23 089	3 048	1 450	16 666
Other farm-related income[1]	farms	65	339	12 318	2 502	1 429	180	291	485
	$1,000	292	1 602	54 833	11 913	3 191	919	1 467	2 104
Customwork and other agricultural services	farms	-	168	5 629	636	563	47	38	280
	$1,000	-	660	21 354	2 279	1 717	138	(D)	1 304
Gross cash rent or share payments	farms	42	91	4 091	1 482	152	115	175	83
	$1,000	224	743	28 756	9 255	627	669	989	510
Forest products and Christmas trees	farms	27	19	342	135	68	1	16	13
	$1,000	66	134	1 008	158	115	(D)	(D)	63
Other farm-related income sources	farms	15	125	4 659	647	941	63	81	228
	$1,000	2	65	3 714	222	732	(D)	126	227
COMMODITY CREDIT CORPORATION LOANS									
Total	farms	4	319	16 477	1 245	1 484	135	69	765
	$1,000	109	7 043	456 235	14 426	20 655	4 266	1 865	17 324
Corn	farms	4	318	16 257	1 217	1 473	133	13	760
	$1,000	(D)	6 042	386 068	12 714	19 460	3 471	237	15 028
Wheat	farms	-	4	20	4	-	-	-	-
	$1,000	-	(D)	(D)	7	-	-	-	-
Soybeans	farms	2	56	3 811	153	112	36	4	149
	$1,000	(D)	996	70 045	1 686	(D)	795	59	(D)
Sorghum, barley, and oats	farms	-	2	31	6	2	-	-	2
	$1,000	-	(D)	80	10	(D)	-	-	(D)
Cotton	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	-	-	11	4	-	-	57	-
	$1,000	-	-	(D)	8	-	-	1 569	-
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	278	1 039	36 782	7 997	3 946	359	895	1 391
	acres	9 649	183 079	9 369 926	1 125 152	794 555	60 468	34 235	395 347
Harvested cropland	farms	278	992	33 684	6 412	3 874	296	447	1 248
	acres	7 197	125 317	6 624 630	503 620	621 736	43 710	9 311	288 804
Farms by acres harvested:									
1 to 49 acres		258	481	7 773	3 391	371	99	414	98
50 to 99 acres		7	119	4 955	1 497	774	51	16	133
100 to 199 acres		5	173	8 427	983	1 707	70	6	387
200 to 499 acres		6	162	10 061	482	956	62	11	549
500 to 999 acres		1	31	2 199	72	63	13	-	75
1,000 to 1,999 acres		1	5	253	5	3	1	-	6
2,000 acres or more		-	1	16	2	-	-	-	-
Cropland:									
Pasture or grazing only	farms	19	447	18 998	5 095	2 495	114	544	843
	acres	414	27 066	1 305 440	405 627	104 607	5 010	12 981	55 290
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	24	239	8 728	1 560	545	96	94	310
	acres	564	12 190	530 471	99 198	23 060	4 651	5 106	18 594
On which all crops failed	farms	7	75	586	176	46	10	20	26
	acres	119	2 479	13 706	3 986	901	(D)	177	839
In cultivated summer fallow	farms	5	13	347	90	70	1	13	20
	acres	211	560	17 866	3 353	3 015	(D)	336	1 485
Idle	farms	48	277	13 877	1 800	1 014	140	121	565
	acres	1 144	15 467	877 813	109 368	41 236	6 855	6 324	30 335
Total woodland	farms	53	384	11 531	3 587	1 779	92	374	445
	acres	1 707	20 281	640 576	203 307	106 823	3 168	10 495	30 573
Woodland pastured	farms	13	202	7 818	2 715	1 309	37	243	312
	acres	131	11 146	436 717	150 542	72 962	1 329	6 553	21 543
Woodland not pastured	farms	44	250	5 834	1 515	952	66	177	229
	acres	1 576	9 135	203 859	52 765	33 861	1 839	3 942	9 030

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured	farms	22 415	8 271	294	-	-	294	27	14
	acres	1 452 248	461 744	11 242	-	-	11 242	695	165
Land in house lots, ponds, roads, wasteland, etc.	farms	79 586	36 711	1 022	-	-	1 022	142	144
	acres	1 578 566	857 842	11 527	-	-	11 527	1 390	972
Cropland under federal acreage reduction programs:									
Annual commodity acreage adjustment programs	farms	69 141	41 793	180	-	-	180	22	5
	acres	3 560 902	2 342 848	3 489	-	-	3 489	637	98
Conservation reserve program	farms	8 050	4 055	114	-	-	114	14	5
	acres	697 896	341 023	8 089	-	-	8 089	826	96
Value of land and buildings[1]	farms	105 184	51 031	1 270	-	-	1 270	179	181
	$1,000	29 829 901	17 667 612	109 784	-	-	109 784	22 797	18 531
Average per farm	dollars	283 597	346 801	86 444	-	-	86 444	127 358	102 381
Average per acre	dollars	947	971	1 034	-	-	1 034	1 574	3 124
Farms by value group:									
$1 to $39,999		13 227	2 739	381	-	-	381	46	77
$40,000 to $69,999		11 020	3 998	370	-	-	370	29	38
$70,000 to $99,999		9 152	4 141	217	-	-	217	38	17
$100,000 to $149,999		12 468	5 865	142	-	-	142	28	12
$150,000 to $199,999		9 769	5 376	58	-	-	58	16	11
$200,000 to $499,999		31 637	17 280	91	-	-	91	17	14
$500,000 to $999,999		14 045	9 008	7	-	-	7	4	11
$1,000,000 to $1,999,999		3 466	2 352	2	-	-	2	-	1
$2,000,000 to $4,999,999		380	261	2	-	-	2	1	-
$5,000,000 or more		20	11	-	-	-	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms	104 901	50 858	1 247	-	-	1 247	179	181
	$1,000	5 543 375	2 947 752	19 925	-	-	19 925	4 188	3 209
Farms by value group:									
$1 to $4,999		6 659	2 125	154	-	-	154	33	35
$5,000 to $9,999		12 872	4 417	595	-	-	595	62	44
$10,000 to $19,999		15 609	7 369	198	-	-	198	29	56
$20,000 to $49,999		28 782	14 701	225	-	-	225	33	35
$50,000 to $99,999		22 911	12 398	56	-	-	56	12	8
$100,000 to $199,999		14 193	7 708	16	-	-	16	8	3
$200,000 to $499,999		3 763	2 085	3	-	-	3	2	-
$500,000 or more		112	55	-	-	-	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups	farms	93 674	45 426	1 059	-	-	1 059	122	162
	number	143 433	72 811	1 234	-	-	1 234	230	240
Wheel tractors	farms	97 120	47 718	1 098	-	-	1 098	162	145
	number	302 392	152 270	2 237	-	-	2 237	377	283
Less than 40 horsepower (PTO)	farms	48 200	22 751	647	-	-	647	115	97
	number	79 062	37 782	1 120	-	-	1 120	182	136
40 horsepower (PTO) or more	farms	85 755	44 087	700	-	-	700	89	69
	number	223 330	114 488	1 117	-	-	1 117	195	147
Grain and bean combines	farms	55 575	32 261	222	-	-	222	36	9
	number	60 004	35 036	263	-	-	263	37	11
Cottonpickers and strippers	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Mower conditioners	farms	29 756	10 608	371	-	-	371	18	41
	number	31 333	11 257	388	-	-	388	21	41
Pickup balers	farms	40 640	15 395	461	-	-	461	18	15
	number	46 867	17 304	511	-	-	511	18	15
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer	farms	83 051	47 195	544	-	-	544	124	75
	acres on which used	13 313 702	8 080 072	23 874	-	-	23 874	8 093	828
Lime	farms	17 823	7 761	120	-	-	120	8	-
	acres on which used	1 219 181	594 973	3 967	-	-	3 967	469	-
	tons	2 846 408	1 355 409	8 085	-	-	8 085	1 453	-
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms	41 361	21 463	230	-	-	230	105	104
	acres on which used	4 910 343	2 723 576	8 423	-	-	8 423	3 953	1 551
Nematodes in crops	farms	2 548	1 232	9	-	-	9	3	5
	acres on which used	267 277	137 649	360	-	-	360	121	50
Diseases in crops and orchards	farms	1 330	672	1	-	-	1	60	88
	acres on which used	112 420	60 450	(D)	-	-	(D)	2 167	1 547
Weeds, grass, or brush in crops and pasture	farms	70 486	40 911	357	-	-	357	103	60
	acres on which used	14 709 093	9 795 276	23 760	-	-	23 760	7 271	804
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	1 066	617	1	-	-	1	15	12
	acres on which used	120 779	70 960	(D)	-	-	(D)	286	323

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured .... farms..	14	288	11 400	3 393	1 139	87	482	419
acres..	290	15 114	863 449	292 156	52 488	2 434	11 451	33 176
Land in house lots, ponds, roads, wasteland, etc. .... farms..	168	780	34 563	7 413	3 196	484	1 253	1 123
acres..	1 583	13 449	609 127	101 755	43 970	6 204	8 786	23 716
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs .... farms..	10	434	23 135	2 420	2 366	180	40	976
acres..	183	17 185	1 080 861	52 905	63 763	8 880	1 075	41 883
Conservation reserve program .... farms..	6	109	3 269	1 083	180	32	90	176
acres..	372	9 884	296 884	105 459	12 142	1 513	7 318	19 747
Value of land and buildings[1] .... farms..	264	1 191	43 266	10 092	4 142	601	1 575	1 484
$1,000..	49 137	227 775	10 061 680	1 111 525	928 172	126 631	111 226	456 556
Average per farm .... dollars..	186 125	191 247	233 016	110 139	224 088	210 700	70 620	307 652
Average per acre .... dollars..	3 855	913	895	666	915	1 781	1 966	928
Farms by value group:								
$1 to $39,999	81	198	8 416	2 923	350	141	767	31
$40,000 to $69,999	35	230	5 590	2 309	255	115	296	64
$70,000 to $99,999	53	162	3 775	1 433	364	105	196	84
$100,000 to $149,999	28	157	5 099	1 539	695	51	157	234
$150,000 to $199,999	11	76	3 307	547	594	38	58	224
$200,000 to $499,999	33	288	11 563	1 074	1 562	83	72	634
$500,000 to $999,999	15	48	4 395	184	292	51	27	187
$1,000,000 to $1,999,999	6	30	1 007	76	29	12	2	25
$2,000,000 to $4,999,999	1	2	108	7	1	4	-	-
$5,000,000 or more	1	-	6	-	-	1	-	1
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment .... farms..	264	1 152	43 218	10 050	4 142	601	1 575	1 484
$1,000..	10 764	34 882	2 122 541	220 411	255 363	35 516	19 878	89 357
Farms by value group:								
$1 to $4,999	34	147	3 610	1 564	81	95	288	57
$5,000 to $9,999	47	330	6 001	2 634	189	161	841	185
$10,000 to $19,999	40	178	6 859	2 475	469	63	203	145
$20,000 to $49,999	87	254	11 308	2 254	1 419	104	199	417
$50,000 to $99,999	23	171	8 646	724	1 114	62	24	397
$100,000 to $199,999	20	56	5 342	340	737	76	12	215
$200,000 to $499,999	13	16	1 412	58	131	34	8	59
$500,000 or more	-	-	40	1	2	6	-	9
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups .... farms..	212	986	38 733	8 388	3 808	507	1 295	1 364
number..	563	1 434	57 223	10 959	5 201	882	1 635	1 980
Wheel tractors .... farms..	207	1 019	39 702	8 990	4 008	505	1 135	1 421
number..	613	2 465	120 972	21 053	14 720	1 390	1 815	5 250
Less than 40 horsepower (PTO) .... farms..	130	536	20 184	5 175	1 962	329	739	710
number..	248	787	32 639	8 437	3 434	497	1 053	1 184
40 horsepower (PTO) or more .... farms..	160	801	33 849	6 603	3 789	366	551	1 274
number..	365	1 678	88 333	12 616	11 286	893	762	4 066
Grain and bean combines .... farms..	39	373	19 704	2 364	1 778	188	76	869
number..	40	402	21 167	2 581	1 831	196	76	945
Cottonpickers and strippers .... farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Mower conditioners .... farms..	43	431	13 991	2 951	3 147	73	152	881
number..	61	450	14 673	3 112	3 299	79	153	911
Pickup balers .... farms..	51	573	19 487	4 079	3 357	132	187	964
number..	65	704	22 728	4 767	4 009	146	209	1 158
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer .... farms..	152	671	29 163	4 559	3 475	241	208	1 203
acres on which used..	5 223	85 132	4 481 944	330 556	403 416	26 851	7 357	190 912
Lime .... farms..	11	123	8 098	1 321	1 208	38	68	388
acres on which used..	191	7 355	536 910	60 586	46 913	2 937	2 451	23 015
tons..	462	19 064	1 258 808	146 777	132 778	6 351	5 380	57 618
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops .... farms..	141	334	15 825	1 534	2 360	98	25	676
acres on which used..	2 105	26 156	1 879 012	90 957	181 265	9 878	1 906	72 518
Nematodes in crops .... farms..	12	23	986	84	201	4	1	72
acres on which used..	40	1 500	105 413	5 798	15 515	(D)	(D)	5 913
Diseases in crops and orchards .... farms..	62	19	359	33	50	1	8	10
acres on which used..	858	634	42 817	846	2 785	(D)	(D)	723
Weeds, grass, or brush in crops and pasture .... farms..	114	602	24 256	3 878	2 683	243	142	1 015
acres on which used..	4 191	84 199	4 327 941	295 718	257 932	31 213	4 421	172 085
Chemicals for defoliation or for growth control of crops or thinning of fruit .... farms..	9	9	354	44	26	2	-	21
acres on which used..	12	466	46 155	878	728	(D)	-	1 559

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013): Total	Field crops, except cash grains (013): Cotton (0131)	Field crops, except cash grains (013): Tobacco (0132)	Field crops, except cash grains (013): Sugarcane and sugar beets; irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	Vegetables and melons (016)	Fruits and tree nuts (017)
TENURE AND RACE OF OPERATOR									
All operators		105 180	50 200	1 451	-	-	1 451	213	195
Full owners		48 226	18 560	1 195	-	-	1 195	125	175
Part owners		35 207	18 640	138	-	-	138	50	13
Tenants		21 747	13 000	118	-	-	118	38	7
White		105 056	50 143	1 445	-	-	1 445	210	195
Full owners		48 162	18 536	1 189	-	-	1 189	123	175
Part owners		35 182	18 627	138	-	-	138	49	13
Tenants		21 712	12 978	118	-	-	118	38	7
Black and other races		124	57	6	-	-	6	3	-
Full owners		64	22	6	-	-	6	2	-
Part owners		25	13	-	-	-	-	1	-
Tenants		35	22	-	-	-	-	-	-
OWNED AND RENTED LAND									
Land owned	farms	84 315	37 829	1 338	-	-	1 338	175	188
	acres	17 021 650	8 286 496	125 672	-	-	125 672	12 414	9 023
Owned land in farms	farms	83 433	37 200	1 333	-	-	1 333	175	188
	acres	15 050 360	7 564 799	102 606	-	-	102 606	9 992	8 436
Land rented or leased from others	farms	57 231	31 734	260	-	-	260	88	21
	acres	16 739 305	10 648 878	30 291	-	-	30 291	7 221	1 139
Rented or leased land in farms	farms	56 954	31 640	256	-	-	256	88	20
	acres	16 587 770	10 572 673	28 912	-	-	28 912	5 939	652
Land rented or leased to others	farms	14 144	5 596	257	-	-	257	47	40
	acres	2 122 825	797 902	24 445	-	-	24 445	3 704	3 072
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated		78 710	34 443	994	-	-	994	152	147
Not on farm operated		20 505	13 058	350	-	-	350	45	44
Not reported		5 965	2 699	107	-	-	107	16	4
Operators by principal occupation:									
Farming		75 279	37 149	488	-	-	488	93	69
Other		29 901	13 051	963	-	-	963	120	126
Operators by days of work off farm:									
None		51 753	23 951	425	-	-	425	71	56
Any		46 229	22 704	929	-	-	929	133	133
1 to 99 days		13 104	7 359	92	-	-	92	27	20
100 to 199 days		7 197	3 862	109	-	-	109	18	9
200 days or more		25 928	11 483	728	-	-	728	88	104
Not reported		7 198	3 545	97	-	-	97	9	6
Operators by years on present farm:									
2 years or less		5 787	2 825	93	-	-	93	24	8
3 or 4 years		5 973	2 772	87	-	-	87	16	20
5 to 9 years		13 617	6 270	242	-	-	242	38	41
10 years or more		65 721	31 931	788	-	-	788	103	108
Average years on present farm		19.7	20.0	17.4	-	-	17.4	16.2	15.6
Not reported		14 082	6 402	241	-	-	241	30	18
Operators by age group:									
Under 25 years		2 852	1 336	21	-	-	21	4	-
25 to 34 years		17 458	8 064	145	-	-	145	19	20
35 to 44 years		21 282	9 846	308	-	-	308	53	39
45 to 49 years		10 512	4 750	151	-	-	151	19	21
50 to 54 years		11 232	5 328	162	-	-	162	23	24
55 to 59 years		12 606	6 228	158	-	-	158	28	29
60 to 64 years		12 679	6 553	147	-	-	147	18	26
65 to 69 years		7 848	3 927	132	-	-	132	31	12
70 years and over		8 709	4 168	227	-	-	227	18	24
Average age		49.3	49.7	52.8	-	-	52.8	51.5	53.1
Operators by sex:									
Male		101 838	48 769	1 359	-	-	1 359	200	182
Female		3 342	1 431	92	-	-	92	13	13
Operators of Spanish origin (see text)		105	55	1	-	-	1	-	-
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms	89 188	42 849	1 321	-	-	1 321	186	178
	acres	25 058 946	14 716 025	111 538	-	-	111 538	11 987	6 606
Partnership	farms	11 088	4 835	90	-	-	90	20	13
	acres	3 802 372	1 828 506	10 845	-	-	10 845	2 057	398
Corporation:									
Family held	farms	4 094	2 117	29	-	-	29	5	3
	acres	2 568 304	1 469 391	7 891	-	-	7 891	(D)	(D)
More than 10 stockholders	farms	81	40	-	-	-	-	-	-
10 or less stockholders	farms	4 013	2 077	29	-	-	29	5	3
Other than family held	farms	310	126	1	-	-	1	-	1
	acres	91 558	54 149	(D)	-	-	(D)	-	(D)
More than 10 stockholders	farms	34	15	-	-	-	-	-	-
10 or less stockholders	farms	276	111	1	-	-	1	-	1
Other—cooperative, estate or trust, institutional, etc.	farms	500	273	10	-	-	10	2	-
	acres	116 950	69 401	(D)	-	-	(D)	(D)	-

See footnotes at end of table.

able 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

or meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
				Total	Beef cattle, except feedlots (0212)				
ENURE AND RACE OF OPERATOR									
l operators		278	1 039	43 979	10 095	4 209	570	1 601	1 445
Full owners		221	663	23 127	7 351	1 860	415	1 288	597
Part owners		33	247	13 874	1 771	1 391	101	145	575
Tenants		24	129	6 978	973	958	54	168	273
White		278	1 036	43 936	10 082	4 203	570	1 595	1 445
Full owners		221	661	23 099	7 342	1 858	415	1 286	597
Part owners		33	247	13 866	1 769	1 388	101	145	575
Tenants		24	128	6 971	971	957	54	164	273
Black and other races		-	3	43	13	6	-	6	-
Full owners		-	2	28	9	2	-	2	-
Part owners		-	-	8	2	3	-	-	-
Tenants		-	1	7	2	1	-	4	-
WNED AND RENTED LAND									
nd owned	farms	254	916	37 213	9 158	3 267	516	1 440	1 179
	acres	14 460	144 236	7 346 982	1 681 575	644 382	61 575	95 659	280 751
Owned land in farms	farms	254	910	37 001	9 122	3 251	516	1 433	1 172
	acres	9 934	129 763	6 262 120	1 268 726	604 592	44 413	53 159	262 544
nd rented or leased from others	farms	57	377	21 011	2 799	2 357	160	318	848
	acres	3 410	103 484	5 286 138	465 230	396 549	28 427	12 382	221 386
Rented or leased land in farms	farms	57	376	20 852	2 744	2 349	155	313	848
	acres	3 295	102 160	5 220 958	453 644	393 244	27 861	11 808	220 268
nd rented or leased to others	farms	38	163	7 092	2 697	316	129	312	154
	acres	4 641	15 797	1 150 042	424 435	43 095	17 728	43 074	19 325
PERATOR CHARACTERISTICS									
perators by place of residence:									
On farm operated		161	804	35 502	7 379	3 721	401	1 198	1 187
Not on farm operated		96	170	5 896	1 925	312	116	274	144
Not reported		21	65	2 581	791	176	53	129	114
perators by principal occupation:									
Farming		112	548	31 036	5 298	3 942	327	311	1 204
Other		166	491	12 943	4 797	267	243	1 290	241
perators by days of work off farm:									
None		123	374	22 168	3 824	3 108	261	297	919
Any		137	617	18 819	5 437	824	267	1 259	407
1 to 99 days		27	116	4 754	814	405	54	104	146
100 to 199 days		19	93	2 754	834	142	34	99	58
200 days or more		91	408	11 311	3 789	277	179	1 056	203
Not reported		18	48	2 992	834	277	42	45	119
perators by years on present farm:									
2 years or less		17	66	2 296	560	257	44	104	53
3 or 4 years		16	51	2 502	509	267	49	131	60
5 to 9 years		43	130	5 754	1 138	579	74	306	140
10 years or more		160	653	27 287	6 059	2 661	298	776	956
Average years on present farm		16.4	18.9	19.7	21.2	18.7	17.8	13.6	21.2
Not reported		42	139	6 140	1 829	445	105	284	236
perators by age group:									
Under 25 years		2	15	1 296	199	122	10	23	23
25 to 34 years		31	138	7 630	1 071	897	93	197	224
35 to 44 years		81	215	8 903	1 509	940	109	487	301
45 to 49 years		33	121	4 495	925	497	54	210	161
50 to 54 years		39	106	4 627	1 002	485	59	182	197
55 to 59 years		21	131	5 110	1 153	474	87	157	165
60 to 64 years		28	132	4 984	1 280	431	65	128	167
65 to 69 years		27	73	3 205	1 232	198	42	108	93
70 years and over		16	108	3 729	1 724	165	51	109	94
Average age		49.2	50.9	49.0	54.5	46.2	49.9	48.3	49.2
perators by sex:									
Male		256	993	42 614	9 519	4 087	532	1 445	1 401
Female		22	46	1 365	576	122	38	156	44
perators of Spanish origin (see text)		-	1	37	7	5	1	1	4
ARMS BY TYPE OF ORGANIZATION									
dividual or family (sole proprietorship)	farms	176	921	37 138	8 954	3 356	436	1 467	1 158
	acres	6 515	191 486	5 796 012	1 452 429	759 801	44 043	57 316	357 617
artnership	farms	21	87	4 896	942	759	53	85	229
	acres	201	29 475	1 624 111	191 653	201 093	11 743	3 028	90 915
rporation:									
Family held	farms	72	19	1 625	140	73	59	42	50
	acres	4 797	8 491	995 460	65 092	31 356	14 967	4 049	31 594
More than 10 stockholders	farms	1	-	33	1	3	4	-	-
10 or less stockholders	farms	71	19	1 592	139	70	55	42	50
Other than family held	farms	6	4	147	16	4	18	2	1
	acres	(D)	730	31 617	5 981	1 672	1 301	(D)	(D)
More than 10 stockholders	farms	1	1	15	4	-	2	-	-
10 or less stockholders	farms	5	3	132	12	4	16	2	1
ther—cooperative, estate or trust, nstitutional, etc.	farms	1	8	173	43	17	4	5	7
	acres	(D)	1 741	35 876	7 215	3 912	220	(D)	(D)

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
FARMS BY SIZE								
1 to 9 acres	7 974	327	60	-	-	60	50	42
10 to 49 acres	10 981	3 350	681	-	-	681	88	108
50 to 69 acres	2 901	1 257	113	-	-	113	14	17
70 to 99 acres	6 981	3 704	183	-	-	183	22	14
100 to 139 acres	7 168	3 556	132	-	-	132	9	6
140 to 179 acres	10 506	5 627	100	-	-	100	9	3
180 to 219 acres	6 574	3 089	48	-	-	48	3	3
220 to 259 acres	7 119	3 617	34	-	-	34	4	1
260 to 499 acres	25 378	13 619	79	-	-	79	10	1
500 to 999 acres	15 874	9 585	18	-	-	18	3	-
1,000 to 1,999 acres	3 401	2 260	1	-	-	1	1	-
2,000 acres or more	323	208	2	-	-	2	-	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	50 200	50 200	-	-	-	-	-	-
Field crops, except cash grains (013)	1 451	-	1 451	-	-	1 451	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	1 451	-	1 451	-	-	1 451	-	-
Vegetables and melons (016)	213	-	-	-	-	-	213	-
Fruits and tree nuts (017)	195	-	-	-	-	-	-	195
Horticultural specialties (018)	278	-	-	-	-	-	-	-
General farms, primarily crop (019)	1 039	-	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	43 979	-	-	-	-	-	-	-
Beef cattle, except feedlots (0212)	10 095	-	-	-	-	-	-	-
Dairy farms (024)	4 209	-	-	-	-	-	-	-
Poultry and eggs (025)	570	-	-	-	-	-	-	-
Animal specialties (027)	1 601	-	-	-	-	-	-	-
General farms, primarily livestock and animal specialties (029)	1 445	-	-	-	-	-	-	-
LIVESTOCK								
Cattle and calves inventory ......farms	49 469	13 661	179	-	-	179	20	10
number	4 303 682	760 756	2 842	-	-	2 842	345	257
Farms with— 1 to 9	4 928	1 491	106	-	-	106	10	4
10 to 49	19 719	6 746	62	-	-	62	9	5
50 to 99	12 289	3 361	7	-	-	7	-	1
100 to 199	8 310	1 631	3	-	-	3	1	-
200 to 499	3 423	408	1	-	-	1	-	-
500 or more	800	24	-	-	-	-	-	-
Cows and heifers that had calved ......farms	38 373	10 859	126	-	-	126	14	9
number	1 418 633	322 223	1 324	-	-	1 324	96	130
Beef cows ......farms	32 279	10 511	118	-	-	118	13	9
number	1 123 745	312 323	1 268	-	-	1 268	(D)	130
Farms with— 1 to 9	5 883	1 869	81	-	-	81	9	4
10 to 49	19 651	6 915	33	-	-	33	4	5
50 to 99	4 965	1 394	3	-	-	3	-	-
100 to 199	1 467	292	1	-	-	1	-	-
200 to 499	276	38	-	-	-	-	-	-
500 or more	37	3	-	-	-	-	-	-
Milk cows ......farms	7 748	525	15	-	-	15	1	-
number	294 888	9 900	56	-	-	56	(D)	-
Farms with— 1 to 4	880	165	14	-	-	14	1	-
5 to 9	278	48	-	-	-	-	-	-
10 to 49	4 340	269	1	-	-	1	-	-
50 to 99	1 955	42	-	-	-	-	-	-
100 to 199	272	1	-	-	-	-	-	-
200 to 499	22	-	-	-	-	-	-	-
500 or more	1	-	-	-	-	-	-	-
Heifers and heifer calves ......farms	38 383	10 379	110	-	-	110	17	9
number	1 275 321	193 300	770	-	-	770	127	65
Steers, steer calves, bulls, and bull calves ......farms	42 527	12 017	121	-	-	121	17	9
number	1 609 728	245 233	748	-	-	748	122	62
Cattle and calves sold ......farms	50 509	13 738	117	-	-	117	15	11
number	3 539 020	403 438	1 162	-	-	1 162	126	108
$1,000	2 124 641	203 429	402	-	-	402	62	51
Calves ......farms	16 116	3 874	60	-	-	60	6	2
number	355 396	76 376	525	-	-	525	19	(D)
$1,000	101 352	22 975	127	-	-	127	4	(D)
Cattle ......farms	43 833	11 801	80	-	-	80	10	11
number	3 183 624	327 062	637	-	-	637	107	(D)
$1,000	2 023 290	180 455	275	-	-	275	59	(D)
Fattened on grain and concentrates ......farms	22 503	5 933	28	-	-	28	5	3
number	2 405 669	181 932	210	-	-	210	43	31
$1,000	1 643 176	115 514	105	-	-	105	31	21

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
FARMS BY SIZE								
1 to 9 acres	133	32	6 322	1 400	239	186	558	25
10 to 49 acres	94	281	5 271	1 980	189	135	733	51
50 to 69 acres	6	47	1 270	575	81	15	73	8
70 to 99 acres	13	86	2 593	1 027	205	42	79	38
100 to 139 acres	11	93	2 786	1 023	379	24	63	109
140 to 179 acres	4	88	3 753	951	696	29	29	168
180 to 219 acres	6	66	2 657	639	537	19	20	126
220 to 259 acres	1	55	2 783	496	453	21	10	140
260 to 499 acres	6	167	9 761	1 293	1 114	72	24	525
500 to 999 acres	3	101	5 621	579	290	22	10	221
1,000 to 1,999 acres	1	16	1 056	110	26	4	2	32
2,000 acres or more	-	5	104	20	-	1	-	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	-	-	-	-	-	-	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	-	-	-	-	-	-	-	-
Vegetables and melons (016)	-	-	-	-	-	-	-	-
Fruits and tree nuts (017)	-	-	-	-	-	-	-	-
Horticultural specialties (018)	278	-	-	-	-	-	-	-
General farms, primarily crop (019)	-	1 039	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	-	-	43 979	10 095	-	-	-	-
Beef cattle, except feedlots (0212)	-	-	10 095	10 095	-	-	-	-
Dairy farms (024)	-	-	-	-	4 209	-	-	-
Poultry and eggs (025)	-	-	-	-	-	570	-	-
Animal specialties (027)	-	-	-	-	-	-	1 601	-
General farms, primarily livestock and animal specialties (029)	-	-	-	-	-	-	-	1 445
LIVESTOCK								
Cattle and calves inventory — farms	10	451	29 539	9 363	4 207	113	85	1 194
number	76	21 521	2 983 748	561 780	420 949	5 626	1 129	106 433
Farms with—								
1 to 9	6	97	3 014	1 230	36	38	65	61
10 to 49	4	203	11 493	4 929	847	45	15	290
50 to 99	-	85	6 810	1 794	1 574	16	3	432
100 to 199	-	53	4 870	953	1 408	10	2	332
200 to 499	-	13	2 593	369	330	2	-	76
500 or more	-	-	759	88	12	2	-	3
Cows and heifers that had calved — farms	10	338	21 562	7 741	4 200	76	54	1 125
number	43	9 292	824 961	242 778	209 617	2 130	632	48 185
Beef cows — farms	10	301	20 402	7 583	466	60	52	337
number	43	8 015	779 479	239 507	10 225	1 824	(D)	9 722
Farms with—								
1 to 9	8	92	3 537	1 762	137	22	36	88
10 to 49	2	160	12 002	4 541	290	28	14	198
50 to 99	-	35	3 457	909	34	6	1	35
100 to 199	-	13	1 140	292	4	3	1	13
200 to 499	-	1	232	70	1	1	-	3
500 or more	-	-	34	9	-	-	-	-
Milk cows — farms	-	53	1 894	346	4 197	20	4	1 039
number	-	1 277	45 482	3 271	199 392	306	(D)	38 463
Farms with—								
1 to 4	-	18	626	224	21	9	3	23
5 to 9	-	-	113	36	74	2	1	40
10 to 49	-	27	873	73	2 438	8	-	724
50 to 99	-	8	256	13	1 419	1	-	229
100 to 199	-	-	20	-	228	-	-	23
200 to 499	-	-	6	-	16	-	-	-
500 or more	-	-	-	-	1	-	-	-
Heifers and heifer calves — farms	7	307	22 351	7 083	3 991	84	53	1 075
number	12	5 002	895 700	150 601	146 272	1 992	268	31 813
Steers, steer calves, bulls, and bull calves — farms	6	376	25 635	7 978	3 175	88	55	1 028
number	21	7 227	1 263 087	168 401	65 060	1 504	229	26 435
Cattle and calves sold — farms	7	432	30 696	9 877	4 184	95	46	1 168
number	38	12 550	2 950 080	459 742	125 136	3 263	559	42 560
$1,000	16	5 906	1 845 295	215 725	46 686	1 654	219	20 921
Calves — farms	2	137	8 816	4 718	2 682	40	24	473
number	(D)	2 228	218 215	121 812	48 896	551	181	8 383
$1,000	(D)	665	67 831	39 769	7 590	158	59	1 914
Cattle — farms	7	371	27 077	7 758	3 504	76	28	1 068
number	(D)	10 322	2 731 865	337 930	76 240	2 712	378	34 177
$1,000	(D)	5 220	1 777 464	175 956	39 096	1 495	160	19 007
Fattened on grain and concentrates — farms	-	147	15 112	451	794	34	7	440
number	-	3 798	2 187 682	7 731	17 354	1 583	46	12 990
$1,000	-	2 445	1 504 913	4 481	10 728	1 002	17	8 401

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
LIVESTOCK—Con.								
Hogs and pigs inventory ... farms	36 670	7 907	41	-	-	41	7	-
number	12 983 074	1 594 539	828	-	-	828	160	-
Farms with—								
1 to 24	3 530	963	30	-	-	30	5	-
25 to 49	2 560	742	4	-	-	4	1	-
50 to 99	4 220	1 254	6	-	-	6	1	-
100 to 199	6 766	1 914	1	-	-	1	-	-
200 to 499	11 269	2 363	-	-	-	-	-	-
500 or more	8 325	671	-	-	-	-	-	-
Used or to be used for breeding ... farms	26 944	5 436	18	-	-	18	1	-
number	1 657 873	205 736	179	-	-	179	(D)	-
Other ... farms	35 152	7 516	38	-	-	38	7	-
number	11 325 201	1 388 803	649	-	-	649	(D)	-
Hogs and pigs sold ... farms	38 638	8 525	32	-	-	32	6	-
number	23 483 812	2 512 736	653	-	-	653	428	-
$1,000	2 494 231	258 587	60	-	-	60	24	-
Feeder pigs ... farms	8 972	1 711	7	-	-	7	2	-
number	4 460 979	520 891	165	-	-	165	(D)	-
$1,000	209 249	23 687	4	-	-	4	(D)	-
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 ... farms	28 037	5 748	21	-	-	21	2	-
number	2 495 867	282 278	149	-	-	149	(D)	-
Dec. 1 and May 31 ... farms	26 110	5 100	16	-	-	16	2	-
number	1 251 973	140 678	73	-	-	73	(D)	-
June 1 and Nov. 30 ... farms	25 992	5 154	16	-	-	16	1	-
number	1 243 894	141 600	76	-	-	76	(D)	-
Sheep and lambs of all ages inventory ... farms	8 636	2 876	62	-	-	62	13	-
number	451 617	122 564	936	-	-	936	313	-
Ewes 1 year old or older ... farms	8 089	2 676	58	-	-	58	11	-
number	280 591	86 456	627	-	-	627	(D)	-
Sheep and lambs sold ... farms	8 806	2 887	56	-	-	56	11	-
number	607 492	105 885	654	-	-	654	155	-
Sheep and lambs shorn ... farms	8 052	2 648	50	-	-	50	11	-
number	542 200	115 650	728	-	-	728	320	-
pounds of wool	2 901 639	783 618	4 909	-	-	4 909	1 813	-
Horses and ponies inventory ... farms	11 647	3 546	316	-	-	316	25	24
number	59 338	15 185	1 296	-	-	1 296	128	110
Horses and ponies sold ... farms	2 453	511	33	-	-	33	1	1
number	9 909	1 655	81	-	-	81	(D)	(D)
Goats inventory ... farms	1 082	256	36	-	-	36	2	6
number	7 387	1 367	198	-	-	198	(D)	(D)
Goats sold ... farms	366	67	14	-	-	14	-	-
number	3 198	317	83	-	-	83	-	-
POULTRY								
Chickens 3 months old or older inventory ... farms	4 897	1 198	62	-	-	62	11	8
number	9 580 666	229 010	1 506	-	-	1 506	310	167
Farms with—								
1 to 399	4 456	1 139	62	-	-	62	11	8
400 to 3,199	175	47	-	-	-	-	-	-
3,200 to 9,999	93	5	-	-	-	-	-	-
10,000 to 19,999	82	5	-	-	-	-	-	-
20,000 to 49,999	50	2	-	-	-	-	-	-
50,000 to 99,999	25	-	-	-	-	-	-	-
100,000 or more	16	-	-	-	-	-	-	-
Hens and pullets of laying age ... farms	4 834	1 186	61	-	-	61	11	8
number	8 212 576	195 264	1 446	-	-	1 446	310	(D)
Pullets 3 months old or older not of laying age ... farms	487	104	5	-	-	5	-	2
number	1 368 090	33 746	60	-	-	60	-	(D)
Hens and pullets sold ... farms	908	161	2	-	-	2	4	-
number	9 873 596	343 148	(D)	-	-	(D)	203	-
Broilers and other meat-type chickens sold ... farms	1 060	298	3	-	-	3	8	1
number	666 016	92 078	320	-	-	320	2 593	(D)
Farms with—								
1 to 1,999	1 021	290	3	-	-	3	8	1
2,000 to 59,999	38	8	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	1	-	-	-	-	-	-	-
Turkey hens kept for breeding ... farms	345	82	5	-	-	5	1	-
number	71 889	474	15	-	-	15	(D)	-
Turkeys sold ... farms	407	65	-	-	-	-	5	-
number	9 594 632	65 798	-	-	-	-	137	-

See footnotes at end of table.

able 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

or meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
IVESTOCK—Con.								
ogs and pigs inventory farms	3	248	26 400	961	1 217	82	30	735
number	423	51 109	10 959 585	98 063	178 905	36 781	432	160 312
Farms with—								
1 to 24	1	44	2 176	389	202	17	28	64
25 to 49	-	15	1 574	170	166	3	1	54
50 to 99	1	37	2 554	135	236	3	-	128
100 to 199	-	60	4 295	139	302	11	-	183
200 to 499	1	69	8 307	88	273	25	1	230
500 or more	-	23	7 494	40	38	23	-	76
Used or to be used for breeding farms	-	176	19 822	552	887	58	11	537
number	-	6 749	1 393 955	12 883	25 094	4 734	(D)	21 269
Other farms	3	238	25 399	873	1 145	76	24	706
number	423	44 360	9 565 630	85 190	153 811	32 047	(D)	139 043
ogs and pigs sold farms	3	263	27 686	1 013	1 278	82	20	743
number	583	82 486	20 293 944	149 646	273 667	56 413	252	262 650
$1,000	63	8 433	2 166 392	14 947	26 962	5 978	42	27 691
Feeder pigs farms	-	52	6 674	258	361	18	3	144
number	-	13 974	3 806 351	37 480	69 338	10 369	(D)	39 567
$1,000	-	570	179 831	1 651	2 928	486	(D)	1 733
itters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 farms	-	182	20 524	613	936	58	13	553
number	-	9 294	2 133 489	16 975	34 324	7 686	(D)	28 549
Dec. 1 and May 31 farms	-	161	19 433	498	826	57	9	506
number	-	4 586	1 071 041	8 409	17 317	3 804	(D)	14 438
June 1 and Nov. 30 farms	-	160	19 230	496	850	55	11	515
number	-	4 708	1 062 448	8 566	17 007	3 882	(D)	14 111
Sheep and lambs of all ages inventory farms	8	70	5 241	672	194	37	40	95
number	199	2 291	315 766	23 398	4 531	1 164	705	3 148
Ewes 1 year old or older farms	8	57	4 942	616	183	35	36	83
number	144	1 584	185 017	15 306	3 292	(D)	502	2 084
Sheep and lambs sold farms	6	64	5 439	679	184	32	32	95
number	83	1 806	489 912	18 593	3 786	1 720	446	3 045
Sheep and lambs shorn farms	7	54	4 956	604	181	30	28	87
number	202	1 843	413 692	19 977	4 223	1 870	520	3 152
pounds of wool	1 386	14 061	2 030 745	141 087	32 055	10 484	3 531	19 077
Horses and ponies inventory farms	22	238	5 329	1 661	506	69	1 349	223
number	90	1 349	22 082	6 743	2 538	309	14 808	1 443
Horses and ponies sold farms	3	18	880	257	88	6	839	73
number	(D)	60	2 675	835	221	29	4 755	423
Goats inventory farms	3	17	610	150	50	19	58	27
number	22	52	4 942	759	435	87	182	86
Goats sold farms	1	2	236	36	14	8	16	8
number	(D)	(D)	2 446	174	112	53	70	109
POULTRY								
Chickens 3 months old or older inventory farms	9	68	2 582	657	347	326	79	207
number	242	4 087	500 932	28 652	35 956	8 452 129	1 563	354 744
Farms with—								
1 to 399	9	67	2 481	650	334	117	79	149
400 to 3,199	-	1	72	7	12	16	-	27
3,200 to 9,999	-	-	14	-	1	54	-	19
10,000 to 19,999	-	-	12	-	-	56	-	9
20,000 to 49,999	-	-	3	-	-	42	-	3
50,000 to 99,999	-	-	-	-	-	25	-	-
100,000 or more	-	-	-	-	-	16	-	-
Hens and pullets of laying age farms	9	68	2 553	649	344	311	78	205
number	(D)	3 903	448 951	25 596	29 529	7 212 742	1 478	318 566
Pullets 3 months old or older not of laying age farms	1	11	254	66	37	43	9	21
number	(D)	184	51 981	3 056	6 427	1 239 387	85	36 178
Hens and pullets sold farms	1	5	362	51	30	260	11	72
number	(D)	295	358 553	12 580	6 585	8 769 427	207	395 127
Broilers and other meat-type chickens sold farms	4	9	575	75	53	71	4	34
number	6 115	1 300	161 496	17 743	23 137	352 407	(D)	26 446
Farms with—								
1 to 1,999	3	9	564	74	50	58	4	31
2,000 to 59,999	1	-	11	1	3	12	-	3
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	1	-	-
Turkey hens kept for breeding farms	2	9	180	42	21	30	8	7
number	(D)	75	783	200	140	70 322	24	30
Turkeys sold farms	2	4	131	25	9	167	5	19
number	(D)	8 058	243 400	540	181	9 131 244	(D)	145 705

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
CROPS HARVESTED									
Corn for grain or seed	farms	83 301	48 281	285	-	-	285	36	15
	acres	10 147 051	6 310 719	10 106	-	-	10 106	1 651	254
	bushels	1 274 388 346	802 112 717	1 004 869	-	-	1 004 869	207 682	31 543
Irrigated	farms	453	354	4	-	-	4	3	-
	acres	62 099	48 550	1 385	-	-	1 385	338	-
Farms by acres harvested:									
1 to 24 acres		11 524	5 591	164	-	-	164	18	13
25 to 99 acres		35 088	20 205	106	-	-	106	11	1
100 to 249 acres		27 186	16 181	12	-	-	12	6	1
250 to 499 acres		7 726	5 047	1	-	-	1	1	-
500 acres or more		1 777	1 257	2	-	-	2	-	-
Corn for silage or green chop	farms	7 934	1 174	85	-	-	85	3	-
	acres	205 176	25 456	3 705	-	-	3 705	38	-
	tons, green	3 251 394	435 335	86 491	-	-	86 491	460	-
Irrigated	farms	7	-	-	-	-	-	-	-
	acres	110	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		5 508	878	41	-	-	41	3	-
25 to 99 acres		2 112	262	36	-	-	36	-	-
100 to 249 acres		265	27	7	-	-	7	-	-
250 to 499 acres		41	7	1	-	-	1	-	-
500 acres or more		8	-	-	-	-	-	-	-
Sorghum for grain or seed	farms	108	56	3	-	-	3	-	-
	acres	4 376	2 065	(D)	-	-	(D)	-	-
	bushels	334 779	144 566	(D)	-	-	(D)	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Wheat for grain	farms	1 345	688	11	-	-	11	3	-
	acres	31 047	19 413	182	-	-	182	166	-
	bushels	1 180 360	757 922	4 058	-	-	4 058	4 920	-
Irrigated	farms	2	1	-	-	-	-	1	-
	acres	(D)	(D)	-	-	-	-	(D)	-
Farms by acres harvested:									
1 to 24 acres		998	463	7	-	-	7	1	-
25 to 99 acres		307	191	4	-	-	4	2	-
100 to 249 acres		33	29	-	-	-	-	-	-
250 to 499 acres		5	4	-	-	-	-	-	-
500 acres or more		2	1	-	-	-	-	-	-
Barley for grain	farms	357	42	3	-	-	3	-	-
	acres	6 545	754	26	-	-	26	-	-
	bushels	358 125	36 346	440	-	-	440	-	-
Irrigated	farms	7	5	-	-	-	-	-	-
	acres	483	(D)	-	-	-	-	-	-
Oats for grain	farms	25 398	8 778	137	-	-	137	11	4
	acres	544 907	183 532	2 094	-	-	2 094	119	32
	bushels	30 918 660	10 246 877	92 327	-	-	92 327	5 117	1 315
Irrigated	farms	16	4	-	-	-	-	-	-
	acres	484	(D)	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		18 021	6 458	116	-	-	116	10	4
25 to 99 acres		7 125	2 207	20	-	-	20	1	-
100 to 249 acres		238	108	1	-	-	1	-	-
250 to 499 acres		13	5	-	-	-	-	-	-
500 acres or more		1	-	-	-	-	-	-	-
Soybeans for beans	farms	68 278	44 707	112	-	-	112	32	7
	acres	7 903 395	5 759 422	3 065	-	-	3 065	1 453	219
	bushels	326 081 351	237 212 480	103 125	-	-	103 125	43 413	9 792
Irrigated	farms	221	180	3	-	-	3	7	-
	acres	20 304	17 590	418	-	-	418	(D)	-
Farms by acres harvested:									
1 to 24 acres		10 200	5 405	82	-	-	82	13	5
25 to 99 acres		28 626	17 864	22	-	-	22	14	1
100 to 249 acres		22 245	15 644	6	-	-	6	5	1
250 to 499 acres		6 197	4 931	2	-	-	2	-	-
500 acres or more		1 010	863	-	-	-	-	-	-
Irish potatoes	farms	104	17	12	-	-	12	15	3
	acres	1 998	155	1 149	-	-	1 149	123	2
	cwt	336 981	25 200	198 469	-	-	198 469	14 201	368
Irrigated	farms	20	2	3	-	-	3	7	1
	acres	1 158	(D)	748	-	-	748	116	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	48 271	16 664	1 384	-	-	1 384	43	22
	acres	1 968 207	528 734	43 402	-	-	43 402	611	159
	tons, dry	5 612 944	1 373 740	132 202	-	-	132 202	1 172	298
Irrigated	farms	45	12	1	-	-	1	2	1
	acres	1 216	220	(D)	-	-	(D)	(D)	(D)
Farms by acres harvested:									
1 to 24 acres		22 645	9 536	848	-	-	848	33	21
25 to 99 acres		21 233	6 239	475	-	-	475	10	1
100 to 249 acres		4 085	835	52	-	-	52	-	-
250 to 499 acres		278	50	7	-	-	7	-	-
500 acres or more		30	4	2	-	-	2	-	-
Alfalfa hay	farms	41 883	14 246	1 217	-	-	1 217	30	20
	acres	1 380 550	381 291	33 522	-	-	33 522	339	122
	tons, dry	4 444 233	1 114 984	111 730	-	-	111 730	621	248
Irrigated	farms	31	9	-	-	-	-	1	1
	acres	641	105	-	-	-	-	(D)	(D)

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
				Total	Beef cattle, except feedlots (0212)				
CROPS HARVESTED									
Corn for grain or seed	farms	14	576	28 965	3 785	3 603	243	92	1 191
	acres	691	51 681	3 365 647	164 077	243 403	24 849	2 990	134 880
	bushels	66 143	6 025 814	415 171 813	17 329 681	29 395 935	3 233 457	320 450	16 817 923
Irrigated	farms	-	7	77	7	3	-	1	4
	acres	-	616	10 931	705	154	-	(D)	(D)
Farms by acres harvested:									
1 to 24 acres		9	135	4 840	1 954	549	54	71	80
25 to 99 acres		1	267	11 489	1 427	2 355	97	9	547
100 to 249 acres		4	137	9 638	335	641	73	9	484
250 to 499 acres		-	30	2 502	54	55	15	3	72
500 acres or more		-	7	496	15	3	4	-	8
Corn for silage or green chop	farms	-	59	4 298	561	1 877	13	6	419
	acres	-	1 766	128 872	13 896	36 395	168	30	7 686
	tons, green	-	35 665	2 028 648	199 179	543 005	3 586	1 060	117 122
Irrigated	farms	-	-	7	3	-	-	-	-
	acres	-	-	110	81	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		-	39	2 795	386	1 407	11	5	329
25 to 99 acres		-	17	1 259	155	451	2	1	84
100 to 249 acres		-	3	203	18	19	-	-	6
250 to 499 acres		-	-	33	2	-	-	-	-
500 acres or more		-	-	8	-	-	-	-	-
Sorghum for grain or seed	farms	-	1	42	9	3	3	-	-
	acres	-	(D)	1 945	215	164	158	-	-
	bushels	-	(D)	168 321	19 866	13 200	5 000	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Wheat for grain	farms	1	19	556	63	44	3	2	18
	acres	(D)	379	9 647	1 026	636	61	(D)	551
	bushels	(D)	13 217	352 196	34 418	26 587	2 060	(D)	16 993
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		1	16	455	50	37	2	2	14
25 to 99 acres		-	3	96	12	7	1	-	3
100 to 249 acres		-	-	4	1	-	-	-	-
250 to 499 acres			-	-	-	-	-	-	1
500 acres or more		-	-	1	-	-	-	-	-
Barley for grain	farms	-	7	197	16	91	2	2	13
	acres	-	68	3 634	193	1 739	(D)	(D)	246
	bushels	-	3 080	203 108	9 816	96 501	(D)	(D)	14 220
Irrigated	farms	-	-	2	1	-	-	-	-
	acres	-	-	(D)	(D)	-	-	-	-
Oats for grain	farms	10	280	12 654	1 266	2 588	56	55	825
	acres	232	6 278	270 716	22 947	59 283	1 034	665	20 902
	bushels	11 417	335 049	15 300 626	1 066 591	3 573 256	54 928	31 006	1 286 742
Irrigated	farms	-	2	10	2	-	-	-	-
	acres	-	(D)	348	(D)	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		6	198	9 001	987	1 644	42	48	494
25 to 99 acres		3	77	3 542	273	930	14	7	324
100 to 249 acres		1	4	103	6	14	-	-	7
250 to 499 acres		-	1	7	-	-	-	-	-
500 acres or more		-	-	1	-	-	-	-	-
Soybeans for beans	farms	16	376	20 968	1 962	1 001	166	31	842
	acres	825	29 553	1 978 620	84 741	47 013	15 078	1 161	66 986
	bushels	30 601	1 150 275	82 201 479	3 100 499	1 882 702	632 792	46 390	2 768 302
Irrigated	farms	-	6	23	2	1	-	1	-
	acres	-	416	1 531	(D)	(D)	-	(D)	-
Farms by acres harvested:									
1 to 24 acres		9	93	4 045	977	348	33	17	150
25 to 99 acres		4	167	9 472	780	538	78	12	454
100 to 249 acres		3	102	6 116	170	110	47	1	210
250 to 499 acres		-	12	1 212	34	5	7	1	27
500 acres or more		-	2	143	1	-	1	-	1
Irish potatoes	farms	-	19	28	7	3	4	-	3
	acres	-	540	26	10	(Z)	1	-	1
	cwt	-	92 881	5 118	1 757	55	240	-	449
Irrigated	farms	-	7	-	-	-	-	-	-
	acres	-	174	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	22	959	23 829	5 596	3 719	120	357	1 152
	acres	283	38 774	1 013 713	230 959	266 830	2 616	4 492	68 593
	tons, dry	407	120 735	2 852 981	559 098	880 874	7 515	11 500	231 520
Irrigated	farms	-	2	21	8	3	-	-	3
	acres	-	(D)	759	92	76	-	-	28
Farms by acres harvested:									
1 to 24 acres		18	506	10 438	2 506	533	85	322	305
25 to 99 acres		4	358	11 107	2 594	2 334	34	32	639
100 to 249 acres		-	85	2 124	459	797	1	3	188
250 to 499 acres		-	9	140	32	53	-	-	19
500 acres or more		-	1	20	5	2	-	-	1
Alfalfa hay	farms	14	828	20 492	4 605	3 537	98	305	1 096
	acres	157	29 817	691 942	155 817	187 257	1 923	3 530	50 650
	tons, dry	257	101 974	2 203 961	425 444	700 102	5 973	9 914	194 469
Irrigated	farms	-	1	13	4	3	-	-	3
	acres	-	(D)	395	54	76	-	-	28

See footnotes at end of table.

Table 53. **Summary by Standard Industrial Classification of Farm: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
CROPS HARVESTED—Con.									
Vegetables harvested for sale (see text)	farms	64	16	2	-	-	2	33	-
	acres	11	1	1	-	-	1	5	-
Irrigated	farms	2	-	-	-	-	-	2	-
	acres	80	15	1	-	-	1	39	4
Farms by acres harvested:									
0.1 to 4.9 acres		104	7	(D)	-	-	(D)	88	3
5.0 to 24.9 acres		13	-	-	-	-	-	8	2
25.0 to 99.9 acres		10	-	-	-	-	-	5	(D)
100.0 to 249.9 acres		30	7	-	-	-	-	14	1
250.0 acres or more		236	185	-	-	-	-	8	(D)
Land in orchards	farms	21	2	-	-	-	-	-	17
	acres	1	-	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	458	74	20	-	-	20	13	142
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		2 488	221	31	-	-	31	55	1 481
5.0 to 24.9 acres		11 270 927	191 019	6 750	-	-	6 750	36 340	10 079 895
25.0 to 99.9 acres		77	13	3	-	-	3	2	16
100.0 to 249.9 acres		29	3	(Z)	-	-	(Z)	(D)	16
250.0 acres or more		18 728	386	40	-	-	40	(D)	15 934

See footnotes at end of table.

Table 53. Summary by Standard Industrial Classification of Farm: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text) ... farms..	1	6	6	-	-	-	-	-
acres..	-	2	2	-	-	-	-	-
Irrigated ... farms..	-	-	-	-	-	-	-	-
acres..	4	5	10	3	1	-	1	-
Farms by acres harvested:								
0.1 to 4.9 acres	1	3	2	1	(D)	-	(D)	-
5.0 to 24.9 acres	1	1	1	-	-	-	-	-
25.0 to 99.9 acres	(D)	(D)	(D)	-	-	-	-	-
100.0 to 249.9 acres	1	3	2	1	-	-	-	2
250.0 acres or more	(D)	1	(D)	(D)	-	-	-	(D)
Land in orchards ... farms..	1	-	1	-	-	-	-	-
acres..	-	-	1	-	-	-	-	-
Irrigated ... farms..	-	-	-	-	-	-	-	-
acres..	14	20	134	43	9	6	16	10
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	63	45	511	78	16	8	31	27
5.0 to 24.9 acres	444 100	72 169	366 896	95 536	17 506	28 100	2 632	25 520
25.0 to 99.9 acres	1	-	30	6	2	3	5	-
100.0 to 249.9 acres	(D)	-	6	1	(D)	(Z)	1	-
250.0 acres or more	(D)	-	1 860	100	(D)	240	18	-

[1] Data are based on a sample of farms.

[2] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 1. County Summary Highlights: 1987

[For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms	number	105 180	970	688	1 062	891	851	1 434
Land in farms	acres	31 638 130	353 385	243 607	321 226	244 861	268 437	419 480
Average size of farm	acres	301	364	354	302	275	315	293
Value of land and buildings[1]:								
Average per farm	dollars	283 597	244 037	172 243	182 659	135 171	294 253	322 996
Average per acre	dollars	947	662	505	653	488	880	1 125
Estimated market value of all machinery and equipment[1]:								
Average per farm	dollars	52 844	60 533	37 760	53 800	30 819	53 771	55 389
Farms by size:								
1 to 9 acres		7 974	63	50	61	39	79	105
10 to 49 acres		10 981	67	43	54	103	58	147
50 to 179 acres		27 556	249	156	271	304	210	353
180 to 499 acres		39 071	362	260	526	295	352	571
500 to 999 acres		15 874	176	147	113	117	122	215
1,000 acres or more		3 724	53	32	37	33	30	43
Total cropland	farms	96 749	897	627	987	836	774	1 322
	acres	27 290 868	297 992	190 603	198 344	177 431	236 155	376 517
Harvested cropland	farms	92 678	859	587	928	761	721	1 276
	acres	20 484 178	196 940	115 592	140 120	94 539	172 611	301 315
Irrigated land	farms	851	4	-	-	1	2	4
	acres	92 247	204	-	-	(D)	(D)	(D)
Market value of agricultural products sold	$1,000	8 926 799	71 079	39 893	77 437	25 508	80 178	140 932
Average per farm	dollars	84 872	73 277	57 983	72 916	28 628	94 216	98 279
Crops, including nursery and greenhouse crops	$1,000	3 660 117	31 015	16 407	10 238	9 222	29 364	59 680
Livestock, poultry, and their products	$1,000	5 266 682	40 064	23 486	67 199	16 286	50 814	81 252
Farms by value of sales:								
Less than $2,500		8 799	63	50	66	153	59	108
$2,500 to $4,999		5 498	50	53	51	110	33	51
$5,000 to $9,999		8 252	85	68	79	117	53	95
$10,000 to $24,999		17 436	187	140	179	222	155	220
$25,000 to $49,999		17 752	169	122	170	138	148	255
$50,000 to $99,999		20 656	207	142	240	103	184	286
$100,000 or more		26 787	209	113	277	50	221	419
Operators by principal occupation:								
Farming		75 279	713	486	851	530	629	1 007
Other		29 901	257	202	211	361	222	427
Operators by days worked off farm:								
Any		46 229	401	323	358	419	345	630
200 days or more		25 928	219	164	175	264	178	382
Average age of operator	years	49.3	50.2	52.1	48.5	54.7	47.5	47.8
Total farm production expenses[1]	$1,000	6 647 645	53 266	26 557	55 344	19 046	60 293	104 950
Average per farm	dollars	63 200	54 878	38 601	52 162	21 376	70 849	73 136
Livestock and poultry:								
Cattle and calves inventory	farms	49 469	650	464	883	648	400	685
	number	4 303 682	62 601	42 485	88 346	50 221	44 301	71 528
Beef cows	farms	32 279	554	424	443	592	281	481
	number	1 123 745	26 347	19 414	18 686	25 483	12 568	13 908
Milk cows	farms	7 748	37	15	422	45	21	69
	number	294 988	1 109	248	20 303	724	466	2 407
Cattle and calves sold	farms	50 509	679	471	878	664	421	692
	number	3 539 020	38 670	25 871	40 002	29 979	41 064	62 184
Hogs and pigs inventory	farms	36 670	380	212	410	132	348	545
	number	12 983 074	85 504	55 648	113 526	16 079	128 623	172 273
Hogs and pigs sold	farms	38 638	395	229	426	143	361	573
	number	23 483 812	152 345	88 680	169 181	31 233	238 820	296 578
Sheep and lambs inventory	farms	8 636	94	35	87	86	62	186
	number	451 617	3 539	2 846	2 534	5 027	3 561	9 460
Chickens 3 months old or older inventory	farms	4 897	63	34	48	53	32	56
	number	9 580 666	3 695	2 697	14 880	1 850	(D)	278 755
Broilers and other meat-type chickens sold	farms	1 060	13	2	5	1	25	13
	number	666 016	3 035	(D)	260	(D)	5 665	(D)
Selected crops harvested:								
Corn for grain or seed	farms	83 301	798	516	842	480	674	1 183
	acres	10 147 051	93 246	51 424	61 451	26 382	89 190	144 170
	bushels	1 274 368 346	11 527 532	6 143 315	7 918 552	2 836 759	11 444 514	19 409 044
Corn for silage or green chop	farms	7 934	31	26	271	40	42	84
	acres	205 176	1 161	1 006	4 537	825	1 060	3 087
	tons, green	3 251 394	17 550	13 709	69 400	13 734	16 645	57 934
Wheat for grain	farms	1 345	7	17	2	8	7	17
	acres	31 047	(D)	519	(D)	115	356	302
	bushels	1 180 360	46 740	11 123	(D)	3 735	17 472	12 534
Oats for grain	farms	25 398	318	178	577	92	236	457
	acres	544 907	6 966	4 495	14 044	1 461	5 359	9 097
	bushels	30 916 660	313 087	198 446	808 084	63 161	332 061	547 160
Soybeans for beans	farms	68 278	667	451	120	401	607	1 062
	acres	7 903 395	66 704	42 173	3 726	25 860	65 109	126 534
	bushels	326 061 351	2 824 823	1 603 229	156 073	914 278	2 752 156	5 712 984
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	48 271	614	425	841	647	389	694
	acres	1 968 207	31 464	20 097	61 648	42 156	14 191	22 834
	tons, dry	5 612 944	90 889	50 601	201 858	86 741	39 511	69 242

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms	number	1 269	1 029	1 140	1 332	1 097	1 294	992
Land in farms	acres	305 516	336 685	235 086	337 126	358 798	328 114	342 160
Average size of farm	acres	241	327	206	253	327	254	345
Value of land and buildings[1]:								
Average per farm	dollars	257 109	386 353	250 490	279 290	354 375	236 959	408 094
Average per acre	dollars	1 106	1 134	1 148	1 071	1 102	925	1 213
Estimated market value of all machinery and equipment[1]:								
Average per farm	dollars	52 177	56 170	50 758	50 480	61 398	50 843	61 085
Farms by size:								
1 to 9 acres		152	71	116	91	81	129	61
10 to 49 acres		198	125	172	163	65	155	71
50 to 179 acres		378	260	389	488	260	335	220
180 to 499 acres		356	345	367	392	456	497	401
500 to 999 acres		151	179	78	163	205	155	204
1,000 acres or more		34	49	18	35	30	23	35
Total cropland	farms	1 150	962	1 027	1 233	1 014	1 162	938
	acres	279 149	302 707	211 466	307 384	330 950	295 618	323 346
Harvested cropland	farms	1 125	938	985	1 198	998	1 115	927
	acres	223 324	245 517	166 763	236 312	264 594	229 095	263 491
Irrigated land	farms	14	5	5	5	6	3	5
	acres	160	6	203	218	(D)	(D)	537
Market value of agricultural products sold	$1,000	99 933	91 247	75 029	109 025	132 273	105 209	98 179
Average per farm	dollars	78 750	88 676	65 815	81 851	120 577	81 305	98 971
Crops, including nursery and greenhouse crops	$1,000	50 001	54 049	31 102	46 360	50 449	43 198	57 725
Livestock, poultry, and their products	$1,000	49 932	37 199	43 927	62 665	81 824	62 010	40 454
Farms by value of sales:								
Less than $2,500		128	97	137	97	40	106	42
$2,500 to $4,999		73	56	55	59	26	50	34
$5,000 to $9,999		109	79	99	81	58	73	51
$10,000 to $24,999		246	155	200	253	163	207	142
$25,000 to $49,999		192	158	194	256	197	253	178
$50,000 to $99,999		214	222	240	251	251	278	212
$100,000 or more		307	262	215	335	362	327	333
Operators by principal occupation:								
Farming		742	693	719	968	864	942	794
Other		527	336	421	364	233	352	198
Operators by days worked off farm:								
Any		695	477	552	619	439	548	432
200 days or more		456	278	369	306	205	296	182
Average age of operator	years	48.9	50.0	47.2	47.6	48.6	48.4	48.8
Total farm production expenses[1]	$1,000	76 037	64 349	59 231	83 259	99 632	83 277	65 428
Average per farm	dollars	59 926	62 536	51 957	62 553	90 822	64 356	65 956
Livestock and poultry:								
Cattle and calves inventory	farms	413	323	564	646	240	552	235
	number	24 204	24 331	34 300	37 083	30 112	32 358	22 434
Beef cows	farms	180	222	182	260	141	266	155
	number	3 887	5 403	3 777	6 642	4 413	5 632	4 714
Milk cows	farms	82	26	244	264	15	118	8
	number	3 290	552	9 067	5 976	498	3 702	110
Cattle and calves sold	farms	413	318	543	646	242	562	247
	number	17 095	23 077	19 257	29 072	34 767	25 773	25 467
Hogs and pigs inventory	farms	392	257	343	553	432	532	262
	number	162 483	90 597	93 085	190 879	212 076	192 796	104 890
Hogs and pigs sold	farms	416	270	366	574	468	562	295
	number	275 866	177 753	180 944	373 171	388 304	367 816	203 838
Sheep and lambs inventory	farms	90	97	94	114	84	133	85
	number	3 686	4 203	2 833	2 461	6 247	5 219	5 201
Chickens 3 months old or older inventory	farms	48	45	55	121	25	67	19
	number	80 541	244 311	15 717	88 663	(D)	114 228	(D)
Broilers and other meat-type chickens sold	farms	19	6	12	22	15	26	10
	number	7 819	3 300	4 819	12 997	2 385	6 743	4 255
Selected crops harvested:								
Corn for grain or seed	farms	998	825	890	1 136	953	1 024	872
	acres	120 536	112 736	93 017	139 845	125 356	121 799	111 282
	bushels	16 646 615	15 534 064	12 379 993	19 024 742	15 880 096	15 823 601	15 303 730
Corn for silage or green chop	farms	77	30	152	146	55	84	40
	acres	1 383	1 535	2 366	2 062	1 504	1 805	1 705
	tons, green	24 393	33 569	38 990	35 591	25 466	26 524	25 005
Wheat for grain	farms	5	11	3	10	3	7	2
	acres	134	167	(D)	135	(D)	220	(D)
	bushels	5 063	7 423	981	6 416	10 260	7 952	(D)
Oats for grain	farms	228	148	339	474	169	361	140
	acres	4 596	3 031	6 102	8 399	3 160	6 881	2 913
	bushels	243 747	186 754	355 158	475 365	188 471	392 072	167 384
Soybeans for beans	farms	867	795	692	870	924	926	853
	acres	88 213	122 615	52 660	71 922	130 258	88 141	144 293
	bushels	4 010 768	5 406 176	2 283 773	3 242 621	5 335 671	3 689 973	6 418 023
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	436	341	541	562	255	551	253
	acres	11 407	8 786	19 025	17 151	6 406	15 805	5 766
	tons, dry	35 873	22 894	63 101	49 252	18 989	48 111	14 940

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms	number	1 319	942	1 170	929	1 091	1 054	697
Land in farms	acres	366 656	333 083	345 483	317 974	338 708	276 216	229 423
Average size of farm	acres	278	354	295	342	310	262	329
Value of land and buildings[1]:								
Average per farm	dollars	305 600	264 475	338 007	336 269	336 905	228 742	168 690
Average per acre	dollars	1 088	753	1 209	1 040	1 028	850	489
Estimated market value of all machinery and equipment[1]:								
Average per farm	dollars	50 775	49 730	61 537	65 498	53 227	50 796	31 938
Farms by size:								
1 to 9 acres		121	66	103	61	86	73	38
10 to 49 acres		97	85	98	138	96	105	64
50 to 179 acres		324	210	305	180	222	330	189
180 to 499 acres		578	353	457	320	486	406	256
500 to 999 acres		174	176	179	166	170	118	117
1,000 acres or more		25	52	28	44	31	22	33
Total cropland	farms	1 203	866	1 067	866	1 009	983	630
	acres	336 646	291 469	303 044	297 124	292 532	245 999	165 204
Harvested cropland	farms	1 164	834	1 012	847	979	953	586
	acres	270 392	213 323	230 081	233 423	230 141	187 569	93 996
Irrigated land	farms	3	1	3	8	4	11	2
	acres	(D)	(D)	(D)	352	66	1 146	(D)
Market value of agricultural products sold	$1,000	170 623	83 023	104 711	83 002	119 253	85 162	27 280
Average per farm	dollars	129 358	88 135	89 497	89 346	109 306	80 799	39 139
Crops, including nursery and greenhouse crops	$1,000	49 277	36 154	42 138	50 091	41 169	32 528	9 021
Livestock, poultry, and their products	$1,000	121 346	46 869	62 573	32 911	78 084	52 634	18 258
Farms by value of sales:								
Less than $2,500		42	54	96	94	52	82	91
$2,500 to $4,999		36	39	46	41	37	51	54
$5,000 to $9,999		61	76	60	41	63	97	105
$10,000 to $24,999		170	186	179	113	149	166	157
$25,000 to $49,999		226	161	190	169	215	191	130
$50,000 to $99,999		293	191	255	195	232	232	95
$100,000 or more		491	235	344	276	343	235	65
Operators by principal occupation:								
Farming		1 056	700	907	650	843	751	480
Other		263	242	263	279	248	303	217
Operators by days worked off farm:								
Any		532	368	452	424	436	446	317
200 days or more		249	226	239	241	228	264	191
Average age of operator	years	46.7	49.2	48.7	47.4	43.1	47.8	51.9
Total farm production expenses[1]	$1,000	122 194	62 455	83 989	61 627	88 207	67 505	20 944
Average per farm	dollars	92 501	66 301	71 785	66 337	80 850	64 047	30 048
Livestock and poultry:								
Cattle and calves inventory	farms	577	510	505	213	478	537	511
	number	84 045	52 259	37 738	12 904	61 492	41 260	41 203
Beef cows	farms	308	406	348	129	305	237	461
	number	11 102	16 648	10 841	4 289	11 277	6 362	20 514
Milk cows	farms	22	25	42	25	51	172	21
	number	558	652	1 357	770	1 646	6 290	259
Cattle and calves sold	farms	597	534	520	226	499	535	513
	number	108 144	45 482	32 732	9 038	61 876	31 751	21 329
Hogs and pigs inventory	farms	688	336	490	287	449	387	194
	number	277 305	93 655	206 391	118 772	177 791	129 308	39 709
Hogs and pigs sold	farms	714	353	518	303	463	404	209
	number	510 765	167 856	355 042	253 333	315 806	236 486	73 511
Sheep and lambs inventory	farms	68	92	193	66	84	63	72
	number	5 205	3 851	7 615	2 106	4 430	1 497	2 438
Chickens 3 months old or older inventory	farms	43	41	49	29	42	55	44
	number	5 538	1 911	15 327	141 271	4 361	58 642	1 948
Broilers and other meat-type chickens sold	farms	17	5	11	6	9	16	6
	number	3 005	1 585	6 022	996	1 115	14 683	(D)
Selected crops harvested:								
Corn for grain or seed	farms	1 105	783	953	757	928	869	459
	acres	132 252	106 962	138 757	123 528	111 626	99 779	37 261
	bushels	17 304 749	13 504 527	18 395 191	15 908 537	13 914 353	12 785 975	3 462 98
Corn for silage or green chop	farms	80	46	86	40	114	169	32
	acres	3 467	1 264	2 016	1 197	2 836	3 806	76
	tons, green	50 939	20 277	30 614	18 619	41 821	54 944	9 03
Wheat for grain	farms	3	22	9	3	2	7	
	acres	447	505	297	(D)	(D)	215	16
	bushels	24 384	17 436	8 605	450	(D)	8 450	3 35
Oats for grain	farms	375	185	324	166	219	381	14
	acres	8 249	3 618	5 739	3 600	4 098	7 470	3 34
	bushels	493 853	151 785	361 568	200 255	262 749	450 070	101 55
Soybeans for beans	farms	1 037	724	772	683	860	691	34
	acres	115 659	84 078	71 248	98 942	100 873	59 084	24 71
	bushels	4 939 438	3 381 709	3 170 044	4 077 185	4 296 210	2 461 583	810 78
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	506	491	508	270	427	542	48
	acres	15 229	21 367	16 257	7 141	13 799	21 142	29 7
	tons, dry	44 485	60 394	45 853	21 514	40 137	65 690	72 80

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms	number	877	1 706	1 437	1 339	1 081	921	715
Land in farms	acres	315 558	450 742	376 952	406 695	328 319	266 999	278 714
Average size of farm	acres	360	264	262	304	304	290	390
Value of land and buildings[1]:								
Average per farm	dollars	366 560	238 246	260 515	232 297	361 994	127 889	184 389
Average per acre	dollars	1 013	905	980	762	1 151	453	459
Estimated market value of all machinery and equipment[1]:								
Average per farm	dollars	64 749	57 697	49 310	48 833	57 406	30 517	30 374
Farms by size:								
1 to 9 acres		78	116	115	120	85	44	34
10 to 49 acres		64	119	172	149	188	99	65
50 to 179 acres		177	497	389	294	295	313	201
180 to 499 acres		330	751	547	520	293	310	238
500 to 999 acres		193	194	185	211	161	118	123
1,000 acres or more		35	28	29	45	59	37	54
Total cropland	farms	805	1 578	1 319	1 198	987	853	647
	acres	286 126	330 458	337 038	359 327	286 548	185 649	177 836
Harvested cropland	farms	795	1 506	1 256	1 128	947	705	581
	acres	229 226	240 156	258 502	284 366	223 550	107 587	97 184
Irrigated land	farms	4	1	9	2	11	2	2
	acres	276	(D)	86	(D)	133	(D)	(D)
Market value of agricultural products sold	$1,000	93 702	144 8[illegible]7	115 717	111 095	76 495	33 396	35 571
Average per farm	dollars	106 844	84 937	80 527	82 968	72 613	36 261	49 749
Crops, including nursery and greenhouse crops	$1,000	45 068	24 381	42 915	43 007	46 626	10 271	11 225
Livestock, poultry, and their products	$1,000	48 634	120 437	72 802	68 088	29 869	23 125	24 345
Farms by value of sales:								
Less than $2,500		49	116	110	71	167	129	116
$2,500 to $4,999		27	80	80	69	85	107	56
$5,000 to $9,999		46	126	121	95	94	142	97
$10,000 to $24,999		133	265	260	240	179	220	160
$25,000 to $49,999		160	233	240	247	162	128	108
$50,000 to $99,999		178	363	288	268	179	109	98
$100,000 or more		284	502	358	349	215	86	80
Operators by principal occupation:								
Farming		684	1 333	1 002	1 001	645	565	423
Other		193	372	435	338	436	356	292
Operators by days worked off farm:								
Any		325	568	703	551	586	486	375
200 days or more		180	331	379	332	362	267	237
Average age of operator	years	48.7	46.0	47.2	48.2	50.8	50.9	52.7
Total farm production expenses[1]	$1,000	67 332	101 074	93 334	86 523	54 700	27 831	26 570
Average per farm	dollars	76 776	59 246	64 906	64 617	50 602	30 219	36 957
Livestock and poultry:								
Cattle and calves inventory	farms	264	1 275	684	778	395	646	497
	number	32 833	111 580	63 452	67 100	23 976	39 154	51 643
Beef cows	farms	161	529	386	580	307	495	431
	number	5 191	19 341	11 361	21 286	8 119	18 447	24 439
Milk cows	farms	11	674	61	51	17	116	32
	number	243	30 216	2 663	1 355	349	1 610	729
Cattle and calves sold	farms	274	1 287	688	791	397	637	496
	number	32 497	52 09[illegible]	61 373	59 583	19 134	21 847	31 828
Hogs and pigs inventory	farms	276	756	586	574	208	245	157
	number	113 582	282 887	155 812	163 737	62 884	45 665	44 663
Hogs and pigs sold	farms	299	791	616	608	224	245	157
	number	194 631	474 860	271 236	271 314	111 556	68 454	89 435
Sheep and lambs inventory	farms	62	84	118	69	68	173	46
	number	9 000	1 697	4 491	7 374	2 229	11 116	2 289
Chickens 3 months old or older inventory	farms	27	94	60	73	50	95	43
	number	(D)	143 411	12 871	47 276	112 165	170 655	1 169
Broilers and other meat-type chickens sold	farms	5	16	20	6	12	8	3
	number	4 705	16 019	2 229	1 563	(D)	1 900	(D)
Selected crops harvested:								
Corn for grain or seed	farms	750	1 383	1 183	1 050	776	569	402
	acres	103 766	130 350	165 946	132 197	108 578	40 121	33 659
	bushels	13 480 814	17 251 649	17 740 345	15 865 611	14 777 623	3 532 975	3 456 175
Corn for silage or green chop	farms	49	231	148	55	33	82	38
	acres	2 576	3 267	4 502	1 970	1 620	1 331	1 363
	tons, green	46 944	54 214	66 587	35 786	36 336	18 061	16 867
Wheat for grain	farms	-	11	31	9	8	31	15
	acres	-	143	510	120	322	589	304
	bushels	-	6 840	26 072	4 853	19 349	17 300	8 160
Oats for grain	farms	111	932	447	459	124	171	55
	acres	2 587	22 492	7 919	11 605	2 441	2 702	1 180
	bushels	145 093	1 453 302	467 888	522 245	138 165	105 283	36 181
Soybeans for beans	farms	725	170	790	946	713	424	349
	acres	114 582	10 851	63 428	98 070	103 628	31 948	31 224
	bushels	4 687 610	470 117	2 843 390	3 728 789	4 548 961	1 021 541	1 110 698
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	241	1 272	638	676	374	657	468
	acres	8 003	83 341	21 568	23 903	9 641	33 142	32 832
	tons, dry	24 283	280 637	66 184	72 404	25 982	65 049	68 292

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms	number	1 452	753	593	1 689	609	1 510	985	1 012
Land in farms	acres	353 940	210 843	211 002	334 112	227 932	420 682	296 480	346 389
Average size of farm	acres	244	280	356	198	374	279	301	342
Value of land and buildings[1]:									
Average per farm	dollars	261 096	292 827	344 460	215 749	390 867	252 587	269 842	365 919
Average per acre	dollars	1 100	1 075	975	1 135	1 035	906	947	1 080
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	64 471	52 035	62 145	52 176	62 824	59 626	53 952	75 393
Farms by size:									
1 to 9 acres		105	56	47	128	33	112	67	86
10 to 49 acres		97	93	56	185	53	116	131	68
50 to 179 acres		479	234	125	604	100	444	246	215
180 to 499 acres		623	251	212	676	252	635	345	414
500 to 999 acres		126	89	119	86	145	154	161	188
1,000 acres or more		22	30	34	10	26	49	35	41
Total cropland	farms	1 355	706	550	1 534	568	1 397	921	923
	acres	306 898	173 024	193 330	266 787	211 733	363 025	272 361	319 360
Harvested cropland	farms	1 315	688	534	1 469	553	1 353	888	900
	acres	242 896	133 157	151 322	206 360	165 963	279 159	215 365	251 619
Irrigated land	farms	2	7	4	5	6	7	9	9
	acres	(D)	(D)	(D)	18	311	425	911	281
Market value of agricultural products sold	$1,000	167 550	43 779	64 239	153 085	56 925	135 367	78 949	110 938
Average per farm	dollars	115 392	58 139	108 329	90 636	93 472	89 647	80 151	109 623
Crops, including nursery and greenhouse crops	$1,000	28 898	25 572	28 789	13 455	35 975	47 848	45 432	56 025
Livestock, poultry, and their products	$1,000	138 652	18 206	35 451	139 630	20 950	87 519	33 517	54 914
Farms by value of sales:									
Less than $2,500		75	105	36	116	39	84	89	46
$2,500 to $4,999		44	55	28	72	19	44	45	26
$5,000 to $9,999		55	75	32	117	29	82	74	45
$10,000 to $24,999		158	159	104	202	67	238	164	119
$25,000 to $49,999		196	122	85	257	104	273	171	203
$50,000 to $99,999		296	111	135	400	158	333	198	239
$100,000 or more		628	126	173	525	193	456	244	334
Operators by principal occupation:									
Farming		1 213	445	469	1 275	510	1 154	682	812
Other		239	308	124	414	99	356	303	200
Operators by days worked off farm:									
Any		471	397	244	628	222	563	462	393
200 days or more		238	274	112	409	97	300	266	186
Average age of operator	years	46.1	50.3	49.3	47.6	48.0	46.6	49.2	49.0
Total farm production expenses[1]	$1,000	123 128	32 754	45 481	113 839	38 847	100 483	58 137	80 138
Average per farm	dollars	84 799	43 555	76 696	67 360	63 788	66 545	59 023	79 188
Livestock and poultry:									
Cattle and calves inventory	farms	914	311	184	1 250	166	880	339	264
	number	79 043	18 114	25 849	117 453	16 380	78 118	21 468	19 476
Beef cows	farms	243	248	92	449	119	303	193	150
	number	7 619	6 912	3 791	14 070	(D)	9 987	4 283	4 115
Milk cows	farms	527	19	29	605	7	404	52	29
	number	24 342	803	902	33 324	(D)	17 710	1 679	932
Cattle and calves sold	farms	923	315	191	1 263	165	884	350	272
	number	42 255	13 062	30 767	71 118	14 643	38 513	16 366	17 784
Hogs and pigs inventory	farms	904	156	164	846	172	500	298	372
	number	456 589	44 293	62 826	298 355	54 902	204 401	101 386	168 089
Hogs and pigs sold	farms	930	174	179	892	182	611	311	400
	number	747 477	91 237	102 886	517 669	102 578	368 889	199 066	353 402
Sheep and lambs inventory	farms	79	62	63	65	34	106	57	81
	number	3 101	2 561	4 293	2 136	2 032	4 784	1 560	3 290
Chickens 3 months old or older inventory	farms	58	25	25	60	31	65	29	41
	number	(D)	1 065	174 678	6 116	21 563	(D)	2 473	575 094
Broilers and other meat-type chickens sold	farms	10	2	10	21	7	14	14	16
	number	1 976	(D)	4 528	2 428	1 415	1 858	51 775	3 246
Selected crops harvested:									
Corn for grain or seed	farms	1 247	596	474	1 367	523	1 271	811	870
	acres	152 360	70 934	67 152	103 204	76 262	152 228	108 155	130 069
	bushels	20 436 465	7 752 886	8 680 549	13 034 171	10 513 999	20 745 603	13 888 509	17 768 732
Corn for silage or green chop	farms	286	60	54	368	20	255	77	42
	acres	5 110	1 603	2 113	6 884	929	4 854	1 574	1 181
	tons, green	80 840	29 552	32 259	99 984	15 335	61 841	29 977	23 335
Wheat for grain	farms	21	42	5	11	1	12	5	3
	acres	275	690	166	104	(D)	213	34	(D)
	bushels	10 215	35 118	6 521	4 735	(D)	7 220	1 120	11 910
Oats for grain	farms	767	72	96	973	54	662	211	177
	acres	17 382	1 072	2 212	22 459	1 074	14 940	4 573	2 772
	bushels	1 083 467	50 331	130 921	1 449 245	65 923	967 020	278 941	165 857
Soybeans for beans	farms	473	521	463	101	502	772	739	799
	acres	26 262	50 976	74 062	4 133	84 899	67 824	93 208	111 856
	bushels	1 209 472	1 927 508	2 903 116	190 367	3 648 321	3 026 716	3 800 357	4 815 151
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	955	325	192	1 267	152	870	356	280
	acres	48 626	10 277	7 714	78 518	4 169	44 262	10 394	6 939
	tons, dry	162 552	25 293	25 840	262 491	12 388	153 556	27 345	20 679

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms	number	719	948	1 037	960	1 026	1 052	1 065	1 024
Land in farms	acres	308 796	353 283	319 657	316 631	347 353	347 774	337 990	387 190
Average size of farm	acres	429	373	308	330	339	331	317	378
Value of land and buildings[1]:									
Average per farm	dollars	356 252	389 490	388 797	237 917	419 561	376 239	343 083	312 974
Average per acre	dollars	815	1 037	1 227	769	1 251	1 117	1 026	839
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	61 260	57 790	59 649	47 473	72 565	69 998	63 041	48 400
Farms by size:									
1 to 9 acres		59	81	108	58	84	64	115	60
10 to 49 acres		58	85	78	100	75	61	86	98
50 to 179 acres		155	170	270	256	224	253	224	220
180 to 499 acres		213	350	394	328	415	449	412	362
500 to 999 acres		162	210	146	176	190	199	192	222
1,000 acres or more		72	52	41	42	38	26	36	62
Total cropland	farms	657	886	943	885	959	990	964	954
	acres	268 547	320 413	298 268	260 062	325 528	328 036	305 339	328 917
Harvested cropland	farms	636	850	929	830	935	975	944	925
	acres	203 010	258 005	243 481	176 254	262 514	259 372	243 566	253 868
Irrigated land	farms	11	9	-	4	3	8	9	78
	acres	1 265	599	-	(D)	(D)	588	(D)	15 933
Market value of agricultural products sold	$1,000	67 911	89 980	120 898	64 788	133 865	97 752	115 469	81 515
Average per farm	dollars	94 452	94 916	116 584	67 487	130 473	92 920	108 422	79 604
Crops, including nursery and greenhouse crops	$1,000	37 379	58 970	57 236	30 747	57 639	52 901	53 889	49 914
Livestock, poultry, and their products	$1,000	30 532	31 010	63 662	34 041	76 226	44 851	61 580	31 600
Farms by value of sales:									
Less than $2,500		50	67	56	88	58	42	57	63
$2,500 to $4,999		37	36	24	53	41	36	39	60
$5,000 to $9,999		54	66	49	84	46	46	48	76
$10,000 to $24,999		121	105	127	216	147	146	153	169
$25,000 to $49,999		120	176	214	167	176	191	188	168
$50,000 to $99,999		154	207	226	173	236	246	214	236
$100,000 or more		183	291	341	179	322	345	366	252
Operators by principal occupation:									
Farming		559	723	762	656	760	846	799	776
Other		160	225	275	304	266	206	266	248
Operators by days worked off farm:									
Any		277	412	474	436	456	445	464	410
200 days or more		137	188	244	250	233	212	246	203
Average age of operator	years	51.7	49.7	48.0	51.2	48.8	48.1	48.9	50.7
Total farm production expenses[1]	$1,000	47 330	59 236	92 137	44 194	97 625	74 409	90 777	57 318
Average per farm	dollars	65 827	62 485	88 764	46 036	95 151	70 664	85 237	55 975
Livestock and poultry:									
Cattle and calves inventory	farms	266	313	341	550	148	243	352	491
	number	24 694	23 691	32 392	42 797	9 014	16 095	28 548	45 158
Beef cows	farms	229	255	195	476	92	107	247	383
	number	8 123	(D)	5 502	16 595	1 593	2 394	8 432	16 724
Milk cows	farms	10	3	33	22	5	31	18	26
	number	400	(D)	1 317	336	263	1 378	455	455
Cattle and calves sold	farms	297	310	353	559	154	272	364	509
	number	31 562	20 913	45 363	29 704	15 218	19 499	26 294	34 964
Hogs and pigs inventory	farms	182	182	384	305	323	374	380	250
	number	51 782	80 342	142 762	91 854	175 422	153 874	209 335	61 961
Hogs and pigs sold	farms	166	207	403	318	340	401	406	260
	number	89 328	161 714	282 242	160 645	296 597	271 442	398 460	132 658
Sheep and lambs inventory	farms	22	97	104	76	73	56	81	33
	number	(D)	5 127	4 262	2 431	3 069	2 714	2 265	1 713
Chickens 3 months old or older inventory	farms	20	24	41	42	26	33	42	53
	number	1 906	2 509	4 556	13 144	14 242	(D)	168 199	3 132
Broilers and other meat-type chickens sold	farms	-	13	28	12	14	19	12	7
	number	-	14 115	11 360	1 980	11 975	1 709	2 447	1 245
Selected crops harvested:									
Corn for grain or seed	farms	567	789	886	737	883	940	872	835
	acres	87 155	112 576	128 793	82 343	126 152	128 403	128 885	124 451
	bushels	9 823 386	16 013 687	18 051 570	10 291 912	17 603 314	17 046 320	17 937 064	16 261 726
Corn for silage or green chop	farms	15	17	37	28	12	67	46	48
	acres	413	1 109	1 364	934	946	1 310	1 016	1 168
	tons, green	6 350	19 867	28 161	17 204	17 090	24 192	16 456	18 150
Wheat for grain	farms	19	5	5	6	3	1	-	32
	acres	577	139	68	124	(D)	(D)	-	1 101
	bushels	22 367	4 180	3 485	3 290	6 620	(D)	-	37 407
Oats for grain	farms	20	128	169	229	95	198	141	146
	acres	437	2 336	2 666	5 183	1 483	3 471	2 681	3 325
	bushels	21 886	144 126	160 529	249 610	97 868	226 932	164 514	171 519
Soybeans for beans	farms	577	781	828	643	841	872	819	783
	acres	107 022	139 225	103 749	72 201	133 655	120 801	105 352	113 656
	bushels	3 991 260	6 162 505	5 036 510	2 943 678	5 584 073	4 940 656	4 775 850	4 448 314
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	246	263	349	467	175	269	334	399
	acres	7 103	6 434	10 752	18 363	3 200	8 021	8 244	10 308
	tons, dry	19 829	18 712	39 468	47 514	7 655	24 100	24 095	33 457

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms	number	893	938	754	787	1 057	1 354	1 465	775
Land in farms	acres	231 617	269 285	275 393	260 103	329 705	345 612	427 196	234 816
Average size of farm	acres	259	287	365	330	312	255	292	303
Value of land and buildings[1]:									
Average per farm	dollars	274 053	209 318	395 920	340 405	262 675	188 218	264 082	242 323
Average per acre	dollars	979	737	1 089	956	873	794	928	818
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	53 059	48 381	70 927	49 390	51 450	38 750	47 518	41 766
Farms by size:									
1 to 9 acres		69	64	46	58	64	91	142	41
10 to 49 acres		101	86	40	69	100	154	207	82
50 to 179 acres		270	264	155	167	274	380	348	250
180 to 499 acres		317	377	335	321	440	544	490	254
500 to 999 acres		116	114	150	142	147	163	225	118
1,000 acres or more		20	33	28	30	32	22	53	30
Total cropland	farms	815	877	716	717	985	1 236	1 314	720
	acres	191 238	241 273	258 581	233 599	287 149	245 576	366 582	190 468
Harvested cropland	farms	771	856	706	687	947	1 160	1 240	685
	acres	138 792	178 288	214 069	178 524	203 549	164 703	276 515	139 236
Irrigated land	farms	2	3	3	-	2	6	10	5
	acres	(D)	(D)	261	-	(D)	30	(D)	127
Market value of agricultural products sold	$1,000	55 693	66 773	77 786	80 294	91 299	93 723	119 686	44 126
Average per farm	dollars	62 367	71 186	103 164	102 026	86 376	69 219	81 697	56 936
Crops, including nursery and greenhouse crops	$1,000	23 101	28 518	45 287	29 682	34 158	14 618	50 678	20 574
Livestock, poultry, and their products	$1,000	32 592	38 255	32 499	50 612	57 141	79 105	69 007	23 552
Farms by value of sales:									
Less than $2,500		117	62	25	30	73	114	151	108
$2,500 to $4,999		83	40	15	19	45	71	90	53
$5,000 to $9,999		86	56	29	49	90	150	117	90
$10,000 to $24,999		162	167	93	121	195	266	256	148
$25,000 to $49,999		144	208	170	152	187	233	206	123
$50,000 to $99,999		140	208	177	185	207	249	244	126
$100,000 or more		161	197	245	231	260	271	401	127
Operators by principal occupation:									
Farming		569	733	587	612	796	909	985	524
Other		324	205	167	175	261	445	480	251
Operators by days worked off farm:									
Any		460	381	307	309	435	608	700	375
200 days or more		282	191	158	160	247	386	428	225
Average age of operator	years	50.7	49.3	49.6	48.0	49.3	48.2	50.2	51.2
Total farm production expenses[1]	$1,000	44 968	52 352	52 755	61 664	70 646	74 148	84 547	33 075
Average per farm	dollars	50 299	55 812	69 968	78 379	66 836	54 762	57 711	42 732
Livestock and poultry:									
Cattle and calves inventory	farms	369	490	150	384	621	1 047	746	391
	number	18 256	34 299	19 778	42 915	58 270	105 376	59 053	24 063
Beef cows	farms	296	232	79	266	505	681	560	324
	number	7 100	6 882	2 810	10 552	20 685	26 376	18 717	8 982
Milk cows	farms	14	168	13	19	47	235	36	22
	number	364	6 098	437	515	1 319	9 642	1 503	739
Cattle and calves sold	farms	378	495	149	410	643	1 056	778	407
	number	14 242	19 407	19 543	45 538	41 383	69 925	46 587	15 352
Hogs and pigs inventory	farms	254	358	199	313	450	561	490	234
	number	98 895	96 541	85 334	92 880	158 470	135 980	208 824	77 588
Hogs and pigs sold	farms	275	366	219	347	462	581	510	255
	number	177 634	163 639	182 114	168 106	253 035	244 383	349 763	144 528
Sheep and lambs inventory	farms	109	47	66	58	110	92	144	92
	number	4 835	3 857	2 297	3 058	4 579	3 467	5 877	5 262
Chickens 3 months old or older inventory	farms	37	47	23	26	43	85	65	43
	number	(D)	37 023	34 123	5 582	7 539	31 018	77 115	3 183
Broilers and other meat-type chickens sold	farms	11	6	3	5	6	22	12	4
	number	9 226	2 450	(D)	385	2 025	6 712	2 607	552
Selected crops harvested:									
Corn for grain or seed	farms	670	790	679	651	863	1 032	1 104	570
	acres	76 628	86 835	96 411	92 054	118 279	86 001	140 825	63 756
	bushels	7 780 010	10 708 944	13 484 942	11 032 148	14 285 398	9 565 228	16 812 791	6 364 526
Corn for silage or green chop	farms	41	162	40	39	76	194	57	57
	acres	1 525	3 238	2 202	1 202	2 018	4 378	1 941	1 423
	tons, green	28 369	49 211	43 395	14 755	30 584	65 563	37 067	15 265
Wheat for grain	farms	22	8	2	8	12	40	5	33
	acres	301	122	(D)	79	111	542	65	1 128
	bushels	13 151	3 112	(D)	3 240	6 413	23 455	2 667	29 320
Oats for grain	farms	127	378	106	200	393	642	389	171
	acres	1 925	9 270	2 107	4 566	9 024	14 445	8 616	3 411
	bushels	90 324	505 665	123 290	222 282	457 953	847 486	477 835	144 299
Soybeans for beans	farms	571	618	651	605	670	250	965	492
	acres	49 029	63 110	111 004	69 740	48 725	9 467	102 143	54 787
	bushels	1 825 532	2 485 619	4 940 795	2 642 609	2 119 747	384 426	4 539 434	2 011 235
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	379	489	166	339	637	973	751	435
	acres	11 848	19 656	3 877	11 288	29 335	55 526	27 194	17 313
	tons, dry	23 015	60 098	10 916	37 312	64 406	168 340	78 317	32 777

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms	number	1 356	1 161	1 036	1 718	989	1 690	634	690
Land in farms	acres	305 634	322 206	343 164	599 153	266 090	356 000	198 655	206 519
Average size of farm	acres	225	278	331	349	269	211	314	299
Value of land and buildings[1]:									
Average per farm	dollars	254 265	272 757	299 094	405 311	226 981	245 298	345 395	146 104
Average per acre	dollars	1 167	977	843	1 158	810	1 147	1 104	488
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	50 671	53 907	52 987	70 994	39 583	45 693	65 908	26 704
Farms by size:									
1 to 9 acres		104	78	80	100	47	135	43	30
10 to 49 acres		218	133	102	77	136	332	69	83
50 to 179 acres		447	313	238	368	321	605	141	210
180 to 499 acres		425	442	389	817	332	423	253	253
500 to 999 acres		131	167	175	287	116	160	100	83
1,000 acres or more		31	28	52	69	37	35	28	31
Total cropland	farms	1 239	1 084	945	1 619	914	1 577	592	627
	acres	265 295	265 527	281 115	563 110	201 475	308 295	168 176	147 514
Harvested cropland	farms	1 178	1 023	892	1 601	882	1 502	571	568
	acres	198 971	194 962	198 455	459 047	149 934	242 679	130 805	77 713
Irrigated land	farms	17	1	-	7	14	18	17	1
	acres	152	(D)	-	450	506	231	3 447	(D)
Market value of agricultural products sold	$1,000	94 864	109 533	85 338	173 436	56 758	92 818	42 271	23 117
Average per farm	dollars	69 959	94 343	82 373	100 952	57 389	54 922	66 674	33 503
Crops, including nursery and greenhouse crops	$1,000	27 949	27 837	33 840	100 025	18 657	42 899	23 130	7 507
Livestock, poultry, and their products	$1,000	66 915	81 695	51 497	73 411	38 101	49 919	19 141	15 610
Farms by value of sales:									
Less than $2,500		171	93	92	44	159	241	48	123
$2,500 to $4,999		103	50	73	26	91	158	31	84
$5,000 to $9,999		115	89	98	74	131	161	66	101
$10,000 to $24,999		228	190	148	192	189	342	98	146
$25,000 to $49,999		201	184	144	349	132	304	108	100
$50,000 to $99,999		268	227	191	465	126	212	138	67
$100,000 or more		270	328	290	568	161	252	143	69
Operators by principal occupation:									
Farming		887	843	755	1 409	565	979	462	421
Other		469	318	281	309	424	711	172	269
Operators by days worked off farm:									
Any		678	486	393	687	513	906	267	344
200 days or more		424	288	219	271	357	615	146	226
Average age of operator	years	49.6	49.5	50.1	47.3	50.5	51.2	50.2	53.9
Total farm production expenses[1]	$1,000	73 709	93 079	62 938	123 769	44 556	77 724	33 806	19 456
Average per farm	dollars	54 357	80 171	60 751	72 084	45 053	46 045	53 238	28 156
Livestock and poultry:									
Cattle and calves inventory	farms	704	670	531	422	537	788	228	500
	number	44 479	71 782	38 002	34 963	33 765	46 537	13 375	39 752
Beef cows	farms	499	406	458	182	400	508	180	455
	number	14 393	16 202	16 929	5 384	10 459	12 110	5 559	19 637
Milk cows	farms	131	147	17	71	48	134	9	13
	number	3 667	5 560	344	2 400	1 708	4 048	191	483
Cattle and calves sold	farms	697	698	529	437	534	780	230	505
	number	29 315	58 676	21 789	35 345	26 320	33 186	8 978	21 596
Hogs and pigs inventory	farms	569	500	456	608	271	478	215	140
	number	201 494	196 170	187 744	232 616	105 496	127 753	66 270	28 113
Hogs and pigs sold	farms	594	534	486	647	285	508	228	142
	number	350 424	360 436	350 450	392 010	187 062	208 731	114 918	46 575
Sheep and lambs inventory	farms	199	36	122	131	88	172	54	80
	number	12 079	2 874	12 007	6 624	4 691	7 003	2 027	3 819
Chickens 3 months old or older inventory	farms	140	58	55	72	61	78	29	35
	number	454 105	8 993	(D)	278 711	3 847	4 650	2 770	(D)
Broilers and other meat-type chickens sold	farms	28	8	14	32	1	13	5	5
	number	10 610	754	988	6 422	(D)	4 114	1 230	146
Selected crops harvested:									
Corn for grain or seed	farms	1 020	941	828	1 556	707	1 260	537	400
	acres	108 975	115 264	109 327	212 709	67 487	124 735	72 324	28 860
	bushels	11 784 648	13 718 597	13 610 959	30 307 429	6 070 069	15 227 689	7 168 836	2 908 261
Corn for silage or green chop	farms	152	157	43	103	113	126	33	28
	acres	2 702	4 167	939	2 802	2 483	2 814	656	785
	tons, green	39 665	67 481	16 749	59 069	33 845	48 959	7 329	9 682
Wheat for grain	farms	18	13	29	4	119	28	24	2
	acres	369	196	616	54	1 807	368	716	(D)
	bushels	17 322	5 020	25 108	2 260	69 203	12 916	28 483	(D)
Oats for grain	farms	465	428	224	267	107	469	83	69
	acres	10 945	9 551	4 281	4 886	1 712	9 449	1 120	1 837
	bushels	570 480	549 614	200 473	297 649	64 373	512 429	54 386	71 585
Soybeans for beans	farms	705	527	709	1 489	648	946	451	298
	acres	54 296	40 219	64 470	233 034	60 580	81 631	50 482	19 978
	bushels	2 117 402	1 763 211	2 684 142	10 015 719	1 831 319	3 458 797	1 772 175	715 510
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	726	653	503	414	546	861	236	457
	acres	27 387	30 056	22 121	10 445	18 627	26 646	7 023	27 877
	tons, dry	78 049	91 030	54 874	32 328	39 578	73 686	16 495	66 759

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms	number	1 234	1 059	1 193	1 131	1 073	641	939	854
Land in farms	acres	342 938	293 643	328 093	279 315	330 012	245 380	270 582	377 030
Average size of farm	acres	278	277	275	247	308	383	288	441
Value of land and buildings[1]:									
Average per farm	dollars	284 406	220 540	291 229	183 063	313 765	278 058	259 002	356 706
Average per acre	dollars	981	778	1 059	785	1 041	773	923	773
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	53 131	37 021	47 997	36 062	51 061	56 982	55 685	63 456
Farms by size:									
1 to 9 acres		125	75	95	102	94	37	97	50
10 to 49 acres		84	159	124	177	130	90	90	52
50 to 179 acres		305	348	322	350	260	135	210	198
180 to 499 acres		545	300	462	346	355	195	383	284
500 to 999 acres		151	135	163	128	188	139	134	177
1,000 acres or more		24	44	27	28	46	45	25	93
Total cropland	farms	1 108	962	1 096	1 032	977	603	842	799
	acres	312 475	212 601	277 151	223 313	293 898	218 646	247 794	320 615
Harvested cropland	farms	1 078	904	1 052	972	929	577	818	783
	acres	249 352	137 088	211 100	154 503	217 817	169 179	192 403	242 081
Irrigated land	farms	16	6	3	10	8	4	7	90
	acres	1 339	14	(D)	74	12	771	828	25 152
Market value of agricultural products sold	$1,000	135 613	57 338	111 789	63 716	90 288	55 111	96 194	75 040
Average per farm	dollars	109 897	54 144	93 704	56 336	84 146	85 976	102 443	87 869
Crops, including nursery and greenhouse crops	$1,000	38 781	21 353	35 848	26 309	49 698	31 630	33 922	43 192
Livestock, poultry, and their products	$1,000	96 832	35 985	75 941	37 408	40 591	23 481	62 272	31 848
Farms by value of sales:									
Less than $2,500		40	162	64	158	102	62	61	47
$2,500 to $4,999		39	110	69	98	56	40	44	43
$5,000 to $9,999		50	155	109	136	76	58	68	65
$10,000 to $24,999		180	185	227	227	181	88	122	155
$25,000 to $49,999		251	161	172	155	180	101	168	144
$50,000 to $99,999		284	144	205	162	196	124	176	166
$100,000 or more		390	142	347	195	282	168	300	234
Operators by principal occupation:									
Farming		1 000	615	881	672	763	469	676	655
Other		234	444	312	459	310	172	263	199
Operators by days worked off farm:									
Any		458	568	512	582	482	272	417	363
200 days or more		216	364	273	393	263	161	214	158
Average age of operator	years	46.6	51.9	49.8	51.1	50.6	50.7	48.0	49.8
Total farm production expenses[1]	$1,000	99 059	44 124	80 835	45 506	67 298	37 000	72 394	55 454
Average per farm	dollars	80 275	41 666	67 758	40 235	62 776	57 722	77 097	65 011
Livestock and poultry:									
Cattle and calves inventory	farms	649	635	594	586	464	264	356	318
	number	69 260	47 875	47 061	35 063	36 041	21 503	35 450	36 886
Beef cows	farms	287	609	402	445	353	203	121	216
	number	10 335	21 765	12 308	12 625	11 189	6 820	3 412	8 753
Milk cows	farms	134	22	51	41	21	5	110	13
	number	4 550	96	1 304	1 334	769	112	3 883	249
Cattle and calves sold	farms	688	697	610	585	471	272	371	335
	number	77 511	24 951	44 124	22 399	27 840	23 337	34 898	31 739
Hogs and pigs inventory	farms	567	275	496	381	300	169	387	230
	number	200 491	71 853	231 333	129 745	110 052	42 997	145 781	57 242
Hogs and pigs sold	farms	599	297	534	402	315	170	406	247
	number	404 640	123 559	407 094	227 507	191 669	77 324	273 074	101 724
Sheep and lambs inventory	farms	102	103	105	87	108	34	71	41
	number	7 539	5 678	4 963	4 066	4 666	1 248	1 964	1 638
Chickens 3 months old or older inventory	farms	55	54	65	60	42	25	63	40
	number	9 356	(D)	176 937	36 292	2 411	1 319	521 298	1 544
Broilers and other meat-type chickens sold	farms	21	7	10	13	11	2	13	-
	number	5 404	398	2 383	1 059	2 522	(D)	54 716	-
Selected crops harvested:									
Corn for grain or seed	farms	1 016	698	954	801	833	513	763	738
	acres	117 416	58 576	107 872	70 865	121 035	80 324	96 111	127 574
	bushels	13 619 698	6 955 682	14 344 045	8 784 911	16 830 774	9 796 784	11 770 471	15 077 846
Corn for silage or green chop	farms	184	32	84	37	38	9	168	60
	acres	5 684	1 182	2 178	1 039	1 467	388	4 915	2 084
	tons, green	79 413	14 559	29 372	15 062	26 764	8 465	68 515	31 127
Wheat for grain	farms	5	4	6	16	10	29	23	34
	acres	53	120	94	235	140	673	338	1 151
	bushels	2 250	5 045	3 615	7 450	5 938	22 119	12 084	38 895
Oats for grain	farms	369	142	318	246	197	52	321	128
	acres	8 074	3 048	6 110	4 948	3 631	1 210	7 833	4 556
	bushels	568 384	153 495	337 828	248 410	184 055	55 791	476 743	214 139
Soybeans for beans	farms	939	583	858	688	744	487	664	630
	acres	105 550	51 363	79 429	58 702	81 281	80 845	72 951	97 936
	bushels	4 264 369	2 104 554	3 294 041	2 435 855	3 909 328	2 992 822	3 024 302	3 594 035
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	580	666	587	598	445	208	377	288
	acres	17 502	26 569	18 691	21 952	13 025	6 228	13 931	8 834
	tons, dry	56 854	72 773	55 259	56 969	57 663	16 896	35 040	25 860

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Farms	number	736	701	901	1 232	731	1 015	934	1 740
Land in farms	acres	225 145	247 891	233 026	362 209	230 671	337 772	343 857	521 489
Average size of farm	acres	306	354	259	294	316	333	368	300
Value of land and buildings[1]:									
Average per farm	dollars	138 810	238 856	288 612	362 397	340 338	211 038	377 878	291 724
Average per acre	dollars	432	672	1 145	1 199	1 063	624	1 096	1 047
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	27 681	52 044	49 105	58 208	60 207	42 2[illegible]3	63 390	51 535
Farms by size:									
1 to 9 acres		34	39	65	117	63	56	65	133
10 to 49 acres		67	63	156	77	45	99	51	145
50 to 179 acres		248	155	259	292	166	249	194	418
180 to 499 acres		251	262	273	547	334	364	369	741
500 to 999 acres		113	153	121	168	96	210	209	253
1,000 acres or more		25	29	27	31	27	35	46	50
Total cropland	farms	686	654	832	1 126	682	951	876	1 595
	acres	147 087	217 733	199 021	331 555	215 844	284 766	321 339	465 370
Harvested cropland	farms	634	627	801	1 104	676	908	867	1 545
	acres	75 582	160 388	153 624	269 638	178 191	202 414	251 951	359 863
Irrigated land	farms	2	2	36	4	11	7	30	14
	acres	(D)	(D)	3 177	8	1 139	1 926	4 713	1 799
Market value of agricultural products sold	$1,000	27 469	54 168	54 308	156 715	74 371	72 822	91 667	183 614
Average per farm	dollars	37 322	77 273	60 275	127 204	101 739	71 746	98 145	105 525
Crops, including nursery and greenhouse crops	$1,000	7 045	28 679	24 833	52 958	35 059	36 881	52 681	54 527
Livestock, poultry, and their products	$1,000	20 424	25 489	29 474	103 757	39 312	35 941	38 987	129 086
Farms by value of sales:									
Less than $2,500		103	53	136	42	30	77	39	100
$2,500 to $4,999		91	36	56	25	25	63	19	62
$5,000 to $9,999		105	53	97	54	16	107	45	107
$10,000 to $24,999		169	116	156	171	85	209	121	255
$25,000 to $49,999		123	124	140	216	166	162	150	317
$50,000 to $99,999		81	148	144	322	190	180	256	352
$100,000 or more		64	171	172	402	219	217	304	547
Operators by principal occupation:									
Farming		427	529	546	977	581	699	729	1 320
Other		309	172	355	255	150	316	205	420
Operators by days worked off farm:									
Any		344	302	480	496	294	494	381	706
200 days or more		238	144	337	216	128	272	161	370
Average age of operator	years	52.5	51.0	49.7	47.8	45.5	51.6	48.4	47.7
Total farm production expenses[1]	$1,000	24 993	39 898	45 873	114 485	52 776	52 150	64 467	134 679
Average per farm	dollars	33 958	56 916	50 970	92 850	72 197	51 430	69 022	77 402
Livestock and poultry:									
Cattle and calves inventory	farms	533	348	377	381	277	578	219	780
	number	41 441	29 584	26 833	54 433	29 424	45 966	18 879	85 592
Beef cows	farms	444	272	279	184	85	480	103	481
	number	19 008	9 933	9 011	6 869	2 376	18 455	3 178	15 644
Milk cows	farms	29	14	36	62	60	19	22	61
	number	884	303	1 441	1 722	1 531	290	690	1 815
Cattle and calves sold	farms	532	378	381	406	307	611	225	798
	number	27 524	23 100	17 106	84 562	28 110	33 468	20 408	91 422
Hogs and pigs inventory	farms	161	229	271	536	260	315	342	865
	number	31 726	61 284	91 269	219 771	97 240	82 672	113 704	333 224
Hogs and pigs sold	farms	163	250	289	574	271	332	370	897
	number	75 059	99 489	152 451	409 093	178 655	147 801	219 650	626 496
Sheep and lambs inventory	farms	30	44	105	91	56	50	55	124
	number	2 901	2 329	3 774	4 158	3 981	2 078	4 277	7 421
Chickens 3 months old or older inventory	farms	44	25	56	35	28	58	33	85
	number	1 741	3 055	3 962	29 981	(D)	4 346	61 425	150 595
Broilers and other meat-type chickens sold	farms	4	5	9	23	15	3	10	16
	number	209	953	836	6 142	6 183	250	(D)	7 843
Selected crops harvested:									
Corn for grain or seed	farms	447	575	684	1 056	616	812	838	1 452
	acres	26 349	73 645	81 722	124 897	77 922	84 480	118 241	188 164
	bushels	2 665 907	8 730 435	7 955 200	16 222 003	10 347 932	9 291 092	15 586 249	20 983 864
Corn for silage or green chop	farms	38	19	67	67	49	36	38	118
	acres	1 051	676	1 847	2 155	1 573	1 086	1 024	2 886
	tons, green	14 055	14 247	25 777	40 008	24 093	16 124	16 011	41 879
Wheat for grain	farms	6	12	28	3	5	64	1	19
	acres	104	482	737	34	158	1 626	(D)	325
	bushels	4 095	17 674	27 926	1 560	4 079	57 610	(D)	14 129
Oats for grain	farms	83	66	204	283	157	136	156	563
	acres	1 457	1 866	4 275	4 530	2 702	2 540	3 157	16 054
	bushels	62 381	91 678	224 208	346 987	195 555	107 537	197 644	1 058 772
Soybeans for beans	farms	333	532	556	999	624	785	802	1 287
	acres	19 212	72 597	54 102	132 665	91 774	94 261	126 240	137 600
	bushels	705 634	2 646 499	1 986 587	5 610 722	3 803 501	3 335 358	5 266 410	5 594 158
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	519	368	393	346	259	549	216	711
	acres	28 990	13 303	12 153	8 570	5 878	19 137	5 134	21 453
	tons, dry	71 972	36 280	31 220	26 522	16 170	49 756	15 890	71 173

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms	number	987	1 001	1 652	1 047	701	1 035	973	1 177
Land in farms	acres	349 378	238 256	543 881	335 448	285 258	359 677	230 461	351 387
Average size of farm	acres	354	238	329	320	407	348	237	299
Value of land and buildings[1]:									
Average per farm	dollars	402 097	314 216	297 073	289 230	186 296	357 000	361 559	277 542
Average per acre	dollars	1 123	1 211	909	926	480	1 071	1 527	915
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	76 821	48 436	56 327	53 170	40 541	58 997	55 927	52 473
Farms by size:									
1 to 9 acres		50	108	147	85	34	73	81	99
10 to 49 acres		54	281	228	101	45	63	156	84
50 to 179 acres		228	240	365	251	163	226	283	248
180 to 499 acres		409	230	522	381	260	434	329	530
500 to 999 acres		214	94	307	182	143	201	102	189
1,000 acres or more		32	48	83	47	56	38	22	29
Total cropland	farms	944	895	1 481	980	659	961	892	1 071
	acres	330 506	213 501	486 111	295 594	225 274	321 946	210 370	322 461
Harvested cropland	farms	929	841	1 429	904	592	945	862	1 035
	acres	265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
Irrigated land	farms	4	12	18	3	2	8	17	3
	acres	(D)	(D)	1 984	(D)	(D)	707	202	(D)
Market value of agricultural products sold	$1,000	94 124	55 492	148 757	81 132	38 620	129 941	81 530	108 594
Average per farm	dollars	95 364	55 436	90 047	77 490	55 093	125 547	83 792	92 263
Crops, including nursery and greenhouse crops	$1,000	52 217	39 779	72 682	36 210	13 056	45 971	32 387	44 370
Livestock, poultry, and their products	$1,000	41 907	15 712	76 075	44 922	25 564	83 971	49 143	64 224
Farms by value of sales:									
Less than $2,500		31	201	174	83	65	46	107	59
$2,500 to $4,999		13	108	93	46	52	22	57	35
$5,000 to $9,999		51	112	144	85	80	33	77	51
$10,000 to $24,999		159	167	230	174	127	179	165	173
$25,000 to $49,999		187	134	255	174	154	186	154	226
$50,000 to $99,999		259	104	310	197	114	212	167	312
$100,000 or more		287	175	446	288	109	357	246	321
Operators by principal occupation:									
Farming		796	520	1 146	764	523	828	636	920
Other		191	481	506	283	178	207	337	257
Operators by days worked off farm:									
Any		401	579	724	454	270	375	475	470
200 days or more		149	383	411	263	150	182	307	222
Average age of operator	years	48.3	52.1	49.1	49.3	52.8	48.7	49.3	47.0
Total farm production expenses[1]	$1,000	67 692	38 065	109 389	57 113	28 010	97 631	65 076	79 578
Average per farm	dollars	68 584	38 027	66 256	54 549	39 957	94 329	66 881	67 611
Livestock and poultry:									
Cattle and calves inventory	farms	211	288	772	649	511	340	398	593
	number	17 817	14 334	73 730	52 353	52 034	51 204	30 430	49 837
Beef cows	farms	113	216	588	521	461	229	261	420
	number	2 523	5 690	19 993	19 196	25 326	8 852	6 533	13 600
Milk cows	farms	10	14	24	40	23	30	40	26
	number	292	406	552	1 139	640	981	2 331	692
Cattle and calves sold	farms	205	287	807	645	521	363	398	627
	number	21 944	10 392	77 966	34 068	32 421	61 924	28 129	48 742
Hogs and pigs inventory	farms	303	155	505	373	221	437	338	492
	number	117 561	40 610	132 246	115 888	54 322	219 218	137 971	174 150
Hogs and pigs sold	farms	323	169	546	385	221	447	353	514
	number	224 380	73 131	239 278	210 829	89 820	384 947	218 118	300 106
Sheep and lambs inventory	farms	47	68	98	104	43	100	109	65
	number	2 716	2 819	3 815	5 999	2 190	6 951	3 251	2 270
Chickens 3 months old or older inventory	farms	18	40	97	37	26	46	60	47
	number	107 133	(D)	23 973	(D)	1 196	204 693	5 964	4 161
Broilers and other meat-type chickens sold	farms	13	10	12	5	2	10	16	11
	number	1 880	20 196	1 710	894	(D)	4 230	4 527	2 374
Selected crops harvested:									
Corn for grain or seed	farms	910	653	1 287	818	482	897	763	984
	acres	118 510	80 518	190 703	100 151	40 969	119 558	111 372	132 411
	bushels	15 779 661	11 274 869	25 187 379	12 586 370	4 248 023	15 021 139	13 407 266	16 173 496
Corn for silage or green chop	farms	36	18	85	62	46	54	70	50
	acres	1 831	498	2 859	1 394	990	2 928	1 969	2 044
	tons, green	47 768	6 477	47 725	23 066	13 037	39 347	31 431	28 816
Wheat for grain	farms	-	4	43	6	10	3	6	4
	acres	-	107	1 516	164	437	64	109	58
	bushels	-	3 940	54 434	8 820	12 769	3 150	5 604	2 710
Oats for grain	farms	121	88	300	367	98	237	263	380
	acres	2 024	1 600	7 231	9 532	2 560	5 983	4 480	8 645
	bushels	125 628	87 155	451 766	464 644	90 507	362 676	293 480	476 387
Soybeans for beans	farms	878	608	1 126	731	439	867	603	881
	acres	142 055	79 880	159 046	76 368	42 819	117 882	38 786	90 028
	bushels	5 256 627	3 515 595	6 246 430	3 315 883	1 460 253	4 875 822	1 761 883	3 630 359
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	198	302	714	616	451	354	424	510
	acres	4 570	7 553	22 980	28 433	35 333	13 399	11 494	14 859
	tons, dry	13 757	22 959	66 760	89 007	83 083	43 069	33 782	42 633

See footnotes at end of table.

Table 1. County Summary Highlights: 1987—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms	number	2 015	1 138	1 404	774	693	783	899	1 310
Land in farms	acres	472 363	327 081	417 178	291 057	233 595	244 939	211 685	303 783
Average size of farm	acres	234	287	297	376	337	313	235	232
Value of land and buildings[1]:									
Average per farm	dollars	282 218	350 423	286 898	180 517	185 510	160 879	155 927	181 805
Average per acre	dollars	1 161	1 237	977	511	556	531	723	806
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	50 364	50 530	56 161	35 752	31 176	35 555	31 114	31 507
Farms by size:									
1 to 9 acres		310	105	102	35	36	37	40	86
10 to 49 acres		176	172	141	51	99	70	167	285
50 to 179 acres		529	298	373	185	181	256	313	444
180 to 499 acres		786	330	521	297	225	266	253	314
500 to 999 acres		179	186	225	163	119	121	108	134
1,000 acres or more		33	45	42	43	33	33	18	47
Total cropland	farms	1 719	1 036	1 293	721	640	740	833	1 203
	acres	438 716	302 492	367 588	229 338	177 099	165 726	162 399	235 212
Harvested cropland	farms	1 667	1 001	1 238	690	597	699	788	1 104
	acres	352 858	242 426	274 884	141 043	101 216	108 140	116 921	155 858
Irrigated land	farms	59	15	5	-	2	3	2	7
	acres	8 639	307	(D)	-	(D)	42	(D)	57
Market value of agricultural products sold	$1,000	348 597	101 788	105 643	40 437	39 630	32 952	35 435	54 969
Average per farm	dollars	173 001	89 445	75 244	52 244	57 186	42 084	39 416	41 961
Crops, including nursery and greenhouse crops	$1,000	55 150	55 294	54 800	18 395	13 081	13 637	17 003	23 179
Livestock, poultry, and their products	$1,000	293 447	46 494	50 843	22 042	26 549	19 315	18 432	31 790
Farms by value of sales:									
Less than $2,500		59	106	108	70	96	116	196	263
$2,500 to $4,999		74	57	79	50	50	56	96	143
$5,000 to $9,999		102	90	102	90	87	121	115	212
$10,000 to $24,999		295	220	237	188	132	187	193	236
$25,000 to $49,999		319	167	227	122	104	111	109	174
$50,000 to $99,999		379	212	307	143	129	105	86	133
$100,000 or more		787	286	344	111	95	87	104	147
Operators by principal occupation:									
Farming		1 490	727	1 022	556	436	478	485	635
Other		525	411	382	218	257	305	414	675
Operators by days worked off farm:									
Any		873	554	629	341	353	404	478	778
200 days or more		476	367	342	203	202	237	353	552
Average age of operator	years	46.6	50.3	49.9	50.7	51.3	51.8	52.8	51.7
Total farm production expenses[1]	$1,000	275 493	73 684	80 531	28 872	30 158	25 801	27 999	40 075
Average per farm	dollars	136 789	64 692	57 358	37 302	43 456	32 952	31 145	30 591
Livestock and poultry:									
Cattle and calves inventory	farms	894	266	702	513	479	475	477	785
	number	178 525	20 355	47 664	40 041	45 072	29 876	25 907	47 405
Beef cows	farms	232	169	526	455	422	426	400	665
	number	9 256	3 917	16 517	18 185	20 631	14 685	11 360	20 514
Milk cows	farms	165	15	64	24	24	40	30	45
	number	9 404	833	1 837	192	224	494	634	1 233
Cattle and calves sold	farms	947	281	721	511	473	490	478	780
	number	257 632	26 698	33 299	21 884	24 816	16 457	16 479	25 175
Hogs and pigs inventory	farms	1 021	266	461	223	186	200	196	300
	number	441 534	110 672	138 669	62 873	44 487	56 843	48 166	91 113
Hogs and pigs sold	farms	1 070	290	491	231	186	206	197	310
	number	873 187	221 283	249 542	98 679	74 186	132 498	83 003	163 172
Sheep and lambs inventory	farms	152	102	139	40	65	126	74	88
	number	28 852	4 032	4 969	1 523	(D)	7 285	3 042	2 216
Chickens 3 months old or older inventory	farms	85	41	95	38	45	46	51	74
	number	650 750	81 386	69 688	1 599	1 898	6 999	(D)	36 122
Broilers and other meat-type chickens sold	farms	25	13	22	4	3	2	2	7
	number	15 115	3 869	4 704	(D)	(D)	(D)	(D)	785
Selected crops harvested:									
Corn for grain or seed	farms	1 561	865	1 137	581	473	553	511	793
	acres	194 424	116 748	146 615	55 044	40 799	41 462	49 900	69 880
	bushels	22 031 184	16 455 650	19 327 395	5 868 957	4 545 259	4 100 414	5 287 674	8 380 487
Corn for silage or green chop	farms	283	35	61	16	22	83	33	50
	acres	10 802	1 235	1 346	390	603	1 667	869	1 309
	tons, green	145 896	22 164	26 189	4 300	6 844	20 150	12 466	22 129
Wheat for grain	farms	7	7	10	27	10	40	6	9
	acres	231	128	240	576	268	554	59	207
	bushels	9 820	5 413	9 760	24 097	7 953	18 220	1 170	8 579
Oats for grain	farms	479	90	347	120	139	122	98	167
	acres	10 947	1 527	6 465	2 737	3 301	2 046	1 651	2 972
	bushels	744 073	86 951	313 356	104 925	137 330	72 429	68 796	125 358
Soybeans for beans	farms	1 339	848	989	560	425	505	470	640
	acres	118 683	117 965	100 936	59 816	32 681	40 843	46 721	53 371
	bushels	5 156 590	5 334 137	4 631 128	1 976 558	1 230 031	1 388 369	1 800 536	2 100 562
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	683	283	671	487	457	537	535	791
	acres	23 295	6 859	23 868	24 517	25 540	23 500	19 928	30 959
	tons, dry	77 068	18 019	73 682	55 475	65 941	47 206	45 976	83 102

See footnotes at end of table.

Table 1. **County Summary Highlights: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms	number	1 158	743	1 235	742	1 633	1 360	667	882
Land in farms	acres	321 504	281 269	416 623	242 430	377 025	451 759	221 678	344 010
Average size of farm	acres	278	379	337	327	231	332	332	390
Value of land and buildings[1]:									
Average per farm	dollars	267 295	184 013	432 253	367 438	192 457	255 831	317 865	504 641
Average per acre	dollars	1 044	488	1 289	1 132	846	769	1 043	1 235
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	59 078	34 681	71 208	63 377	56 635	50 399	66 499	83 069
Farms by size:									
1 to 9 acres		101	45	75	54	113	123	53	40
10 to 49 acres		136	55	118	49	145	170	73	62
50 to 179 acres		294	161	300	195	538	289	142	182
180 to 499 acres		431	273	459	284	699	483	233	343
500 to 999 acres		167	166	223	131	123	226	143	199
1,000 acres or more		29	43	60	29	15	69	23	56
Total cropland	farms	1 058	674	1 161	700	1 510	1 227	617	842
	acres	278 666	217 882	384 173	224 561	300 701	399 325	205 576	323 154
Harvested cropland	farms	1 024	630	1 140	666	1 422	1 162	592	832
	acres	208 315	114 904	312 048	177 414	219 642	278 373	157 665	260 638
Irrigated land	farms	7	-	4	2	2	25	3	4
	acres	48	-	(D)	(D)	(D)	4 930	(D)	(D)
Market value of agricultural products sold	$1,000	113 286	34 630	112 144	57 541	120 561	127 445	56 004	85 033
Average per farm	dollars	97 829	46 608	90 805	77 548	73 828	93 709	83 964	96 409
Crops, including nursery and greenhouse crops	$1,000	33 116	14 430	71 872	36 616	21 110	47 787	32 006	58 762
Livestock, poultry, and their products	$1,000	80 170	20 200	40 272	20 925	99 451	79 658	23 997	26 271
Farms by value of sales:									
Less than $2,500		65	92	82	39	115	137	45	31
$2,500 to $4,999		63	65	41	28	65	75	36	18
$5,000 to $9,999		99	74	78	40	125	127	46	37
$10,000 to $24,999		181	159	181	110	291	205	87	129
$25,000 to $49,999		167	154	259	137	267	244	102	147
$50,000 to $99,999		229	110	261	190	330	226	159	234
$100,000 or more		354	89	333	198	420	346	192	286
Operators by principal occupation:									
Farming		872	540	902	582	1 265	942	519	701
Other		286	203	333	160	368	418	148	181
Operators by days worked off farm:									
Any		470	328	545	304	586	607	276	382
200 days or more		266	175	268	141	312	339	137	145
Average age of operator	years	48.1	53.0	49.5	48.6	46.7	49.8	49.7	50.5
Total farm production expenses[1]	$1,000	83 690	26 097	72 827	44 526	86 449	98 327	44 646	58 845
Average per farm	dollars	72 333	35 172	58 969	60 008	52 939	72 246	66 936	66 717
Livestock and poultry:									
Cattle and calves inventory	farms	481	509	231	159	1 217	596	228	143
	number	30 074	44 170	12 135	9 127	103 658	74 222	13 566	8 914
Beef cows	farms	334	439	157	69	522	429	150	55
	number	10 748	20 557	3 638	1 479	16 017	16 182	2 902	1 313
Milk cows	farms	64	23	9	48	570	32	29	9
	number	1 004	686	198	1 400	26 299	351	1 110	273
Cattle and calves sold	farms	466	522	225	165	1 236	609	229	155
	number	20 410	25 717	9 297	7 022	50 360	76 149	10 451	13 914
Hogs and pigs inventory	farms	592	167	250	236	710	449	229	197
	number	291 267	38 007	95 799	77 367	183 559	144 487	71 694	73 215
Hogs and pigs sold	farms	605	178	270	252	743	470	245	219
	number	574 399	70 369	178 275	142 260	320 287	251 467	122 653	143 753
Sheep and lambs inventory	farms	142	53	62	57	106	105	67	70
	number	8 542	2 696	2 887	2 071	6 023	4 863	2 234	2 393
Chickens 3 months old or older inventory	farms	79	26	36	21	92	60	21	22
	number	(D)	1 425	(D)	(D)	262 549	4 010	11 141	31 520
Broilers and other meat-type chickens sold	farms	22	2	3	10	9	5	2	5
	number	6 311	(D)	(D)	1 511	1 373	374	(D)	1 385
Selected crops harvested:									
Corn for grain or seed	farms	932	505	1 048	640	1 290	1 020	552	798
	acres	116 371	43 055	138 143	87 427	103 614	162 688	77 320	119 346
	bushels	13 290 292	4 557 377	19 331 951	11 820 656	13 335 146	18 991 273	10 020 057	16 476 936
Corn for silage or green chop	farms	78	21	30	46	424	70	65	18
	acres	1 618	470	773	1 128	8 486	2 798	1 372	761
	tons, green	25 914	5 980	12 501	14 700	139 809	42 136	23 135	16 792
Wheat for grain	farms	47	19	3	2	6	16	-	2
	acres	876	343	(D)	(D)	79	697	-	(D)
	bushels	36 235	11 688	2 650	(D)	4 030	20 137	-	(D)
Oats for grain	farms	327	81	93	157	853	282	146	88
	acres	6 212	1 825	1 798	2 880	20 576	9 046	2 758	1 546
	bushels	295 085	57 353	104 881	186 347	1 217 857	495 502	160 748	94 034
Soybeans for beans	farms	769	426	1 039	581	411	763	517	777
	acres	66 723	38 334	170 666	82 268	18 580	86 671	72 543	137 108
	bushels	2 818 021	1 376 703	7 272 652	3 070 284	773 018	3 358 177	2 918 118	5 631 282
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	514	485	244	214	1 220	510	238	150
	acres	17 874	34 854	4 356	6 010	76 101	17 814	6 256	3 084
	tons, dry	41 048	77 469	11 473	19 682	249 750	48 432	16 825	8 768

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[1] Data are based on a sample of farms.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) farms, 1987	105 180	970	688	1 062	891	851	1 434
1982	115 413	1 065	737	1 134	900	905	1 586
$1,000, 1987	8 926 799	71 079	39 893	77 437	25 506	80 178	140 932
1982	9 828 932	71 042	47 363	78 152	23 296	92 606	138 182
Average per farm dollars, 1987	84 872	73 277	57 983	72 916	28 626	94 216	98 279
1982	85 163	66 706	64 264	68 917	25 885	102 327	87 161
1987 value of sales:							
Less than $1,000 farms	3 782	22	24	22	79	21	35
$1,000	1 254	7	8	9	22	3	13
$1,000 to $2,499 farms	5 017	41	26	44	74	38	73
$1,000	8 372	75	48	75	124	66	117
$2,500 to $4,999 farms	5 498	50	53	51	110	33	51
$1,000	20 091	186	196	184	406	123	177
$5,000 to $9,999 farms	8 252	85	68	79	117	53	95
$1,000	60 139	661	494	591	843	396	693
$10,000 to $19,999 farms	12 427	121	106	122	175	99	156
$1,000	182 050	1 744	1 527	1 723	2 526	1 501	2 251
$20,000 to $24,999 farms	5 009	86	34	57	47	56	64
$1,000	112 042	1 495	744	1 284	1 050	1 265	1 446
$25,000 to $39,999 farms	11 756	112	80	105	98	103	166
$1,000	375 819	3 665	2 482	3 409	3 109	3 295	5 319
$40,000 to $49,999 farms	5 996	57	42	65	38	43	89
$1,000	267 940	(D)	1 894	2 869	1 710	1 915	4 014
$50,000 to $99,999 farms	20 656	207	142	240	103	184	286
$1,000	1 493 083	(D)	10 100	18 047	7 209	13 344	20 843
$100,000 to $249,999 farms	20 200	163	91	245	43	157	317
$1,000	3 103 103	(D)	13 003	37 315	(D)	25 002	47 349
$250,000 to $499,999 farms	4 957	42	16	27	6	39	82
$1,000	1 659 468	(D)	4 681	8 935	(D)	12 413	26 511
$500,000 or more farms	1 630	4	6	5	1	25	20
$1,000	1 643 439	5 142	4 718	2 996	(D)	20 855	32 199
1982 value of sales[1]:							
Less than $1,000 farms	3 219	16	15	26	62	20	31
$1,000	1 133	7	4	6	(D)	8	12
$1,000 to $2,499 farms	4 873	34	26	39	80	20	47
$1,000	8 192	61	44	70	132	29	80
$2,500 to $4,999 farms	5 535	47	25	34	93	24	86
$1,000	20 187	171	91	123	357	86	315
$5,000 to $9,999 farms	8 230	72	73	88	150	47	100
$1,000	60 106	531	523	638	1 054	323	745
$10,000 to $19,999 farms	12 276	139	108	133	177	94	133
$1,000	181 108	2 051	1 025	1 944	2 527	1 397	1 945
$20,000 to $24,999 farms	5 255	88	45	39	48	53	51
$1,000	117 499	1 521	999	865	1 087	1 212	1 149
$25,000 to $39,999 farms	13 163	125	93	151	113	111	200
$1,000	424 231	3 936	2 997	4 887	3 550	3 554	6 439
$40,000 to $49,999 farms	7 295	69	42	74	49	60	90
$1,000	326 300	3 054	1 870	3 337	2 213	2 687	4 052
$50,000 to $99,999 farms	25 735	270	185	280	90	217	388
$1,000	1 855 005	19 099	12 903	20 143	6 394	15 352	27 989
$100,000 to $249,999 farms	22 929	195	101	239	32	190	364
$1,000	3 491 069	28 873	14 552	34 891	4 386	29 892	54 879
$250,000 to $499,999 farms	5 199	27	17	28	5	48	76
$1,000	1 745 534	9 549	5 370	9 200	1 549	16 652	24 881
$500,000 or more farms	1 660	3	7	3	-	21	19
$1,000	1 592 815	2 188	6 384	2 049	-	21 414	15 695
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops farms, 1987	83 940	787	521	663	545	684	1 204
1982	92 378	871	582	651	602	727	1 341
$1,000, 1987	3 660 117	31 015	16 407	10 238	9 222	29 364	59 680
1982	4 143 086	26 759	16 108	11 805	(D)	29 524	66 985
Grains farms, 1987	81 042	776	508	620	474	676	1 179
1982	89 676	849	566	600	558	705	1 315
$1,000, 1987	3 563 323	30 480	16 092	9 187	8 247	29 004	59 012
1982	4 042 552	26 169	15 682	10 846	7 917	28 798	66 338
Corn for grain farms, 1987	72 356	681	427	547	371	577	1 068
1982	76 287	587	423	556	353	582	1 153
$1,000, 1987	1 961 527	16 606	8 538	8 118	3 975	15 560	30 432
1982	2 459 061	15 347	8 038	10 016	4 108	16 595	38 804
Wheat farms, 1987	1 188	5	16	1	6	7	15
1982	2 605	28	60	4	38	13	12
$1,000, 1987	2 726	(D)	21	(D)	(D)	40	33
1982	8 447	(D)	(D)	(D)	56	(D)	(D)
Soybeans farms, 1987	66 166	666	451	119	396	607	1 061
1982	73 043	721	513	93	459	587	1 157
$1,000, 1987	1 573 168	13 551	7 429	728	4 242	13 093	26 043
1982	1 541 608	10 479	7 312	646	3 711	11 820	26 928
Sorghum for grain farms, 1987	57	-	3	-	-	-	-
1982	118	-	3	-	1	1	1
$1,000, 1987	477	-	(D)	-	-	-	-
1982	812	-	(D)	-	(D)	(D)	(D)
Barley farms, 1987	81	-	-	3	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	116	-	-	(D)	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats farms, 1987	11 842	130	64	178	31	122	268
1982	15 064	182	99	139	42	174	328
$1,000, 1987	19 604	175	84	294	21	241	452
1982	26 314	245	144	170	(D)	310	545
Other grains[2] farms, 1987	677	7	1	16	1	6	9
1982	486	6	-	2	-	1	4
$1,000, 1987	5 705	(D)	(D)	43	(D)	71	52
1982	6 310	(D)	-	(D)	-	(D)	(D)

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) .... farms, 1987	1 269	1 029	1 140	1 332	1 097	1 294	992
1982	1 352	1 153	1 287	1 403	1 185	1 467	1 164
$1,000, 1987	99 933	91 247	75 029	109 025	132 273	105 209	98 179
1982	103 234	102 853	80 646	112 935	138 266	110 495	115 921
Average per farm .... dollars, 1987	78 750	88 676	65 815	81 851	120 577	81 305	98 971
1982	76 356	89 204	62 662	80 496	116 680	75 320	99 588
1987 value of sales:							
Less than $1,000 .... farms	55	46	69	33	15	36	16
$1,000	12	19	29	14	5	13	7
$1,000 to $2,499 .... farms	73	49	68	64	25	70	26
$1,000	118	86	107	107	40	112	40
$2,500 to $4,999 .... farms	73	56	55	59	26	50	34
$1,000	267	203	198	216	97	173	119
$5,000 to $9,999 .... farms	109	79	99	81	58	73	51
$1,000	780	573	697	601	437	549	377
$10,000 to $19,999 .... farms	189	113	145	183	109	141	106
$1,000	2 794	1 639	2 093	2 795	1 607	2 095	1 634
$20,000 to $24,999 .... farms	57	42	55	70	54	66	34
$1,000	1 282	936	1 246	1 574	1 215	1 487	771
$25,000 to $39,999 .... farms	137	102	114	189	117	175	120
$1,000	4 397	3 288	3 636	5 989	3 808	5 606	3 854
$40,000 to $49,999 .... farms	55	56	80	67	80	78	58
$1,000	2 463	2 516	3 556	2 984	3 556	3 495	2 614
$50,000 to $99,999 .... farms	214	222	240	251	251	278	212
$1,000	15 644	16 342	17 250	18 342	18 400	20 195	15 823
$100,000 to $249,999 .... farms	224	185	165	244	250	251	254
$1,000	35 045	29 666	25 954	39 061	38 359	38 872	37 563
$250,000 to $499,999 .... farms	62	59	39	80	77	61	60
$1,000	21 077	20 565	12 343	26 536	27 248	20 715	19 621
$500,000 or more .... farms	21	18	11	11	35	15	19
$1,000	16 054	15 415	7 922	10 787	37 491	11 899	15 756
1982 value of sales[1]:							
Less than $1,000 .... farms	44	42	30	33	18	30	14
$1,000	17	(D)	15	(D)	(D)	13	5
$1,000 to $2,499 .... farms	92	65	80	50	22	67	50
$1,000	149	105	139	85	37	111	78
$2,500 to $4,999 .... farms	69	61	78	65	33	56	28
$1,000	255	224	287	246	126	200	99
$5,000 to $9,999 .... farms	108	62	100	100	31	100	53
$1,000	760	449	724	773	255	733	362
$10,000 to $19,999 .... farms	180	114	168	142	99	162	109
$1,000	2 661	1 672	2 483	2 056	1 472	2 400	1 664
$20,000 to $24,999 .... farms	71	46	69	72	39	73	37
$1,000	1 580	1 025	1 546	1 624	870	1 649	830
$25,000 to $39,999 .... farms	149	127	157	190	133	193	122
$1,000	4 820	3 991	5 061	6 209	4 247	6 250	3 888
$40,000 to $49,999 .... farms	85	61	102	101	91	100	73
$1,000	3 799	2 707	4 605	4 576	4 103	4 466	3 278
$50,000 to $99,999 .... farms	239	266	269	293	303	357	326
$1,000	17 345	18 988	19 311	20 951	22 353	26 218	23 533
$100,000 to $249,999 .... farms	235	223	190	268	307	262	275
$1,000	37 479	34 124	28 673	40 575	46 945	39 302	42 397
$250,000 to $499,999 .... farms	54	64	36	74	77	52	55
$1,000	16 989	21 427	11 873	25 358	25 721	17 341	18 032
$500,000 or more .... farms	23	20	8	14	30	15	22
$1,000	17 059	18 056	5 929	10 306	30 137	11 790	21 674
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops .... farms, 1987	1 059	882	889	1 087	972	1 061	907
1982	1 136	990	1 057	1 143	1 065	1 210	1 056
$1,000, 1987	50 001	54 049	31 102	46 360	50 449	43 198	57 725
1982	55 082	59 071	34 808	51 248	58 562	48 887	62 862
Grains .... farms, 1987	1 011	854	865	1 072	962	1 040	898
1982	1 102	950	1 031	1 123	1 057	1 191	1 042
$1,000, 1987	47 367	52 309	30 534	45 783	50 201	42 330	57 493
1982	52 959	57 521	34 183	50 757	58 206	48 186	62 483
Corn for grain .... farms, 1987	925	780	793	956	881	948	833
1982	968	852	927	990	942	1 047	929
$1,000, 1987	28 305	26 352	19 395	30 117	24 271	24 579	26 402
1982	33 971	33 111	23 973	36 817	32 456	30 752	33 753
Wheat .... farms, 1987	4	9	2	8	3	6	2
1982	6	13	4	5	3	9	1
$1,000, 1987	12	(D)	(D)	15	(D)	17	(D)
1982	(D)	56	(D)	(D)	17	(D)	(D)
Soybeans .... farms, 1987	867	794	690	869	924	926	853
1982	900	869	800	829	974	1 008	982
$1,000, 1987	18 850	25 716	10 848	15 296	25 720	17 468	30 865
1982	18 656	24 033	10 032	13 742	25 347	16 933	28 253
Sorghum for grain .... farms, 1987	-	1	-	-	-	-	-
1982	1	2	-	-	3	-	-
$1,000, 1987	-	(D)	-	-	-	-	-
1982	(D)	(D)	-	-	(D)	-	-
Barley .... farms, 1987	-	-	-	-	2	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	-	-	-	(D)	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats .... farms, 1987	111	97	149	187	94	193	79
1982	150	152	144	175	166	244	164
$1,000, 1987	162	173	194	276	143	259	164
1982	219	307	165	180	298	403	405
Other grains[2] .... farms, 1987	12	6	5	10	5	3	3
1982	9	2	2	4	4	12	3
$1,000, 1987	38	47	(D)	60	38	7	(D)
1982	25	(D)	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) .... farms, 1987	1 319	942	1 170	929	1 091	1 054	697
1982	1 396	1 087	1 323	1 045	1 214	1 180	766
$1,000, 1987	170 623	83 023	104 711	83 002	119 253	85 162	27 280
1982	186 526	88 165	125 868	100 262	139 215	84 906	28 742
Average per farm .... dollars, 1987	129 358	88 135	89 497	89 346	109 308	80 799	39 139
1982	133 615	81 109	95 138	95 944	114 675	71 954	37 522
1987 value of sales:							
Less than $1,000 .... farms	16	20	30	44	18	30	39
$1,000	2	9	10	20	5	11	12
$1,000 to $2,499 .... farms	26	34	66	50	34	52	52
$1,000	39	51	108	75	55	83	91
$2,500 to $4,999 .... farms	36	39	46	41	37	51	54
$1,000	139	144	169	142	126	188	182
$5,000 to $9,999 .... farms	61	76	60	41	63	97	105
$1,000	463	562	427	306	447	710	773
$10,000 to $19,999 .... farms	96	138	125	75	91	118	101
$1,000	1 487	2 095	1 832	1 069	1 369	1 749	1 506
$20,000 to $24,999 .... farms	74	48	54	38	58	48	56
$1,000	1 675	1 050	1 164	861	1 300	1 056	1 253
$25,000 to $39,999 .... farms	140	106	116	107	143	139	81
$1,000	4 528	3 413	3 687	3 464	4 614	4 460	2 531
$40,000 to $49,999 .... farms	86	55	74	62	72	52	49
$1,000	3 845	2 460	3 290	2 779	3 219	2 298	(D)
$50,000 to $99,999 .... farms	293	191	255	195	232	232	95
$1,000	21 020	14 258	18 616	14 633	16 325	17 150	(D)
$100,000 to $249,999 .... farms	364	171	269	213	238	177	53
$1,000	55 673	26 307	41 876	32 540	36 887	[illegible]	8 014
$250,000 to $499,999 .... farms	89	44	59	51	78	38	10
$1,000	30 478	14 480	19 238	16 624	26 437	13 624	(D)
$500,000 or more .... farms	38	20	16	12	27	19	2
$1,000	51 273	18 193	14 275	10 470	28 470	16 535	(D)
1982 value of sales[1]:							
Less than $1,000 .... farms	14	27	28	27	16	33	35
$1,000	(D)	12	9	(D)	6	11	14
$1,000 to $2,499 .... farms	24	43	46	50	32	62	50
$1,000	35	75	79	81	57	101	88
$2,500 to $4,999 .... farms	23	41	52	48	38	71	74
$1,000	82	154	186	173	132	253	279
$5,000 to $9,999 .... farms	54	92	67	45	66	94	101
$1,000	406	680	490	353	486	705	733
$10,000 to $19,999 .... farms	101	129	109	93	70	154	112
$1,000	1 484	1 947	1 602	1 382	1 076	2 302	1 646
$20,000 to $24,999 .... farms	57	46	44	27	67	61	68
$1,000	1 265	1 035	975	606	1 480	1 365	1 527
$25,000 to $39,999 .... farms	198	128	147	111	127	139	91
$1,000	6 394	4 022	4 741	3 521	4 185	4 427	2 975
$40,000 to $49,999 .... farms	99	77	79	62	94	75	48
$1,000	4 372	3 407	3 529	2 775	4 213	3 380	2 161
$50,000 to $99,999 .... farms	379	261	335	258	289	248	124
$1,000	27 072	18 489	24 427	18 775	20 883	17 983	8 465
$100,000 to $249,999 .... farms	318	179	311	243	299	190	54
$1,000	49 335	26 690	48 430	36 717	45 953	28 049	7 790
$250,000 to $499,999 .... farms	87	46	65	61	82	36	8
$1,000	30 236	15 487	27 646	20 554	27 658	12 100	(D)
$500,000 or more .... farms	41	18	20	19	36	17	1
$1,000	65 775	16 167	13 753	15 143	32 886	14 230	(D)
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops .... farms, 1987	1 116	802	938	790	937	867	471
1982	1 171	890	1 075	887	1 034	929	525
$1,000, 1987	49 277	36 154	42 138	50 091	41 169	32 528	9 021
1982	47 143	35 329	60 021	61 184	(D)	33 730	10 060
Grains .... farms, 1987	1 100	794	920	764	925	848	427
1982	1 151	871	1 055	866	1 021	916	500
$1,000, 1987	48 765	35 665	41 586	48 335	40 610	31 956	8 548
1982	45 589	34 846	59 469	59 374	43 373	33 143	9 563
Corn for grain .... farms, 1987	955	724	845	718	829	758	346
1982	900	721	961	775	906	769	351
$1,000, 1987	24 998	19 472	26 102	28 317	19 972	19 809	4 689
1982	24 525	20 197	43 985	38 757	23 286	21 973	5 227
Wheat .... farms, 1987	3	21	9	2	-	6	5
1982	6	52	13	3	4	5	14
$1,000, 1987	(D)	(D)	(D)	(D)	-	(D)	(D)
1982	(D)	254	40	(D)	(D)	8	23
Soybeans .... farms, 1987	1 037	724	770	681	860	691	346
1982	1 058	767	724	759	931	751	412
$1,000, 1987	23 206	15 976	15 248	19 852	20 420	11 845	3 824
1982	20 519	14 185	15 166	20 372	19 589	10 990	4 279
Sorghum for grain .... farms, 1987	-	1	-	-	-	-	1
1982	2	-	-	-	-	-	5
$1,000, 1987	-	(D)	-	-	-	-	(D)
1982	(D)	-	-	-	-	-	7
Barley .... farms, 1987	-	-	-	1	1	1	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	-	-	(D)	(D)	(D)	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats .... farms, 1987	215	87	141	84	111	177	36
1982	247	137	190	133	195	145	63
$1,000, 1987	377	88	215	134	142	255	28
1982	476	179	276	(D)	436	173	57
Other grains[2] .... farms, 1987	13	11	3	4	7	4	1
1982	7	11	3	-	5	-	-
$1,000, 1987	(D)	74	(D)	(D)	(D)	27	(D)
1982	49	31	3	-	(D)	-	-

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text)	farms, 1987	877	1 705	1 437	1 339	1 081	921
	1982	1 045	1 725	1 570	1 511	1 208	954
	$1,000, 1987	93 702	144 817	115 717	111 095	78 495	33 396
	1982	113 976	132 447	147 290	121 565	96 457	37 351
Average per farm	dollars, 1987	106 844	84 937	80 527	82 968	72 613	36 261
	1982	109 068	76 781	93 809	80 453	79 848	39 152
1987 value of sales:							
Less than $1,000	farms	23	55	51	27	76	67
	$1,000	6	13	16	5	28	21
$1,000 to $2,499	farms	26	61	59	44	91	62
	$1,000	40	103	82	67	145	109
$2,500 to $4,999	farms	27	80	60	69	85	107
	$1,000	99	310	210	248	309	385
$5,000 to $9,999	farms	46	126	121	95	94	142
	$1,000	338	940	922	706	668	1 040
$10,000 to $19,999	farms	96	191	171	173	131	173
	$1,000	1 401	2 781	2 532	2 518	1 874	2 519
$20,000 to $24,999	farms	37	74	89	67	48	47
	$1,000	826	1 654	1 996	1 506	1 079	1 038
$25,000 to $39,999	farms	96	152	105	163	109	92
	$1,000	3 084	4 950	5 274	5 190	3 548	2 960
$40,000 to $49,999	farms	64	81	75	84	53	36
	$1,000	2 897	3 648	3 366	3 735	2 340	1 615
$50,000 to $99,999	farms	178	383	288	288	179	109
	$1,000	12 932	28 309	21 081	19 313	13 116	7 515
$100,000 to $249,999	farms	209	400	265	280	162	70
	$1,000	31 781	61 751	41 462	42 809	26 208	10 658
$250,000 to $499,999	farms	54	86	72	46	40	18
	$1,000	18 727	27 267	24 205	15 213	13 975	5 516
$500,000 or more	farms	21	16	21	23	13	-
	$1,000	21 571	13 083	14 582	19 786	15 207	-
1982 value of sales[1]:							
Less than $1,000	farms	17	36	35	22	72	49
	$1,000	4	7	(D)	12	28	21
$1,000 to $2,499	farms	29	56	86	35	65	70
	$1,000	46	93	147	61	106	124
$2,500 to $4,999	farms	33	91	63	52	66	98
	$1,000	120	334	229	185	234	360
$5,000 to $9,999	farms	43	109	82	101	109	132
	$1,000	325	796	588	749	795	976
$10,000 to $19,999	farms	90	168	138	171	142	164
	$1,000	1 381	2 467	2 105	2 500	2 067	2 327
$20,000 to $24,999	farms	50	92	62	63	49	59
	$1,000	1 117	2 074	1 393	1 413	1 099	1 319
$25,000 to $39,999	farms	128	167	179	221	122	116
	$1,000	4 162	5 331	5 785	7 085	3 932	3 748
$40,000 to $49,999	farms	55	128	83	109	57	50
	$1,000	2 453	5 735	3 705	4 816	2 534	2 254
$50,000 to $99,999	farms	266	413	366	381	246	118
	$1,000	19 356	29 377	26 666	27 515	17 588	8 063
$100,000 to $249,999	farms	243	397	349	273	209	84
	$1,000	37 287	58 643	55 538	40 256	31 785	12 701
$250,000 to $499,999	farms	68	57	103	62	57	12
	$1,000	21 971	16 532	35 285	21 232	19 558	(D)
$500,000 or more	farms	25	11	23	21	14	2
	$1,000	25 753	9 056	15 749	15 742	16 731	(D)
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops	farms, 1987	771	1 148	1 135	1 069	885	571
	1982	921	1 094	1 255	1 240	995	636
	$1,000, 1987	45 068	24 381	42 915	43 007	48 626	10 271
	1982	51 948	25 196	64 062	(D)	58 083	14 739
Grains	farms, 1987	765	1 075	1 101	1 048	827	515
	1982	901	1 015	1 240	1 227	949	603
	$1,000, 1987	44 585	22 489	41 956	42 454	47 390	9 871
	1982	51 290	23 827	63 061	42 843	57 526	14 083
Corn for grain	farms, 1987	720	990	1 014	938	739	401
	1982	783	969	1 159	963	825	429
	$1,000, 1987	21 767	19 436	27 648	23 453	24 952	4 884
	1982	28 226	22 608	48 420	23 190	33 867	8 325
Wheat	farms, 1987	-	7	31	7	7	26
	1982	2	1	14	27	9	76
	$1,000, 1987	-	15	(D)	(D)	(D)	(D)
	1982	(D)	(D)	28	(D)	41	142
Soybeans	farms, 1987	725	170	788	946	713	423
	1982	841	102	735	1 083	820	477
	$1,000, 1987	22 640	2 215	13 954	18 274	22 277	4 897
	1982	22 747	837	14 246	18 422	23 433	5 566
Sorghum for grain	farms, 1987	-	-	-	1	-	1
	1982	-	-	1	3	2	2
	$1,000, 1987	-	-	-	(D)	-	(D)
	1982	-	-	(D)	(D)	(D)	(D)
Barley	farms, 1987	-	4	-	-	-	-
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	-	(D)	-	-	-	-
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats	farms, 1987	63	407	213	240	76	54
	1982	142	259	203	354	106	54
	$1,000, 1987	140	759	296	391	125	47
	1982	(D)	(D)	344	827	162	44
Other grains[2]	farms, 1987	4	4	5	30	1	1
	1982	-	1	2	34	1	4
	$1,000, 1987	38	(D)	(D)	320	(D)	(D)
	1982	-	(D)	(D)	248	(D)	(D)

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	farms, 1987	1 452	753	593	1 689	609	1 510	985	1 012
	1982	1 481	815	652	1 708	714	1 641	1 097	1 168
	$1,000, 1987	167 550	43 779	64 239	153 085	56 925	135 367	78 949	110 938
	1982	153 387	57 886	78 289	135 663	70 747	146 466	87 316	130 341
Average per farm	dollars, 1987	115 392	58 139	108 329	90 636	93 472	89 647	80 151	109 623
	1982	103 570	71 026	120 076	79 428	99 085	89 254	79 595	111 593
1987 value of sales:									
Less than $1,000	farms	37	38	17	43	9	34	44	16
	$1,000	16	14	8	16	2	14	20	6
$1,000 to $2,499	farms	38	67	19	73	30	50	45	30
	$1,000	64	113	29	124	48	82	76	47
$2,500 to $4,999	farms	44	55	28	72	19	44	45	26
	$1,000	169	198	95	252	72	167	170	94
$5,000 to $9,999	farms	55	75	32	117	29	82	74	45
	$1,000	403	560	229	829	206	607	520	320
$10,000 to $19,999	farms	108	117	81	150	51	166	125	73
	$1,000	1 578	1 650	1 201	2 166	740	2 545	1 785	1 052
$20,000 to $24,999	farms	50	42	23	52	16	72	39	46
	$1,000	1 117	937	520	1 141	364	1 593	864	1 034
$25,000 to $39,999	farms	109	89	58	170	55	200	112	129
	$1,000	3 484	2 840	1 807	5 543	1 791	6 404	3 626	4 182
$40,000 to $49,999	farms	87	33	27	87	49	73	59	74
	$1,000	3 899	1 506	1 208	3 912	2 184	3 283	2 690	3 332
$50,000 to $99,999	farms	296	111	135	400	156	333	198	239
	$1,000	21 848	7 908	9 947	29 248	11 447	24 454	14 041	17 532
$100,000 to $249,999	farms	471	90	127	418	156	365	184	251
	$1,000	73 006	14 168	19 551	63 896	23 500	57 105	28 118	39 250
$250,000 to $499,999	farms	132	32	32	87	31	70	50	63
	$1,000	45 073	10 368	10 801	29 044	11 321	24 661	16 870	21 757
$500,000 or more	farms	25	4	14	20	6	21	10	20
	$1,000	16 695	3 515	18 844	16 913	5 249	14 451	10 169	22 332
1982 value of sales[1]:									
Less than $1,000	farms	16	40	11	44	12	36	35	15
	$1,000	8	16	(D)	(D)	2	(D)	(D)	4
$1,000 to $2,499	farms	36	70	19	59	18	58	57	33
	$1,000	60	116	(D)	98	31	95	94	59
$2,500 to $4,999	farms	41	54	16	72	25	81	52	26
	$1,000	149	199	56	253	94	297	191	102
$5,000 to $9,999	farms	61	68	35	98	31	102	86	46
	$1,000	435	496	254	717	219	742	635	334
$10,000 to $19,999	farms	115	98	42	172	46	157	113	87
	$1,000	1 687	1 479	639	2 454	685	2 300	1 654	1 380
$20,000 to $24,999	farms	47	38	27	79	14	74	51	36
	$1,000	1 040	860	591	1 765	319	1 652	1 141	794
$25,000 to $39,999	farms	124	100	79	153	78	185	134	122
	$1,000	4 006	3 240	2 541	4 980	2 557	5 878	4 314	3 979
$40,000 to $49,999	farms	85	54	37	120	49	89	69	90
	$1,000	3 769	2 435	1 691	5 330	2 196	3 973	3 073	4 038
$50,000 to $99,999	farms	370	138	169	439	210	372	241	325
	$1,000	27 487	9 707	12 118	31 770	15 282	26 436	17 303	24 077
$100,000 to $249,999	farms	467	122	153	398	133	377	197	306
	$1,000	72 969	19 846	23 027	60 594	27 391	56 506	30 464	46 627
$250,000 to $499,999	farms	107	25	46	63	39	87	47	58
	$1,000	34 346	8 153	16 135	21 294	12 961	29 720	15 559	19 162
$500,000 or more	farms	12	8	17	10	9	22	14	24
	$1,000	7 431	11 336	21 153	6 301	9 009	15 690	12 810	29 786
Sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms, 1987	1 008	632	509	901	535	1 182	838	872
	1982	993	658	579	886	632	1 256	947	1 022
	$1,000, 1987	28 898	25 572	28 789	13 455	35 975	47 848	45 432	56 025
	1982	34 561	37 625	33 323	15 467	42 394	47 553	51 012	64 281
Grains	farms, 1987	952	613	488	805	527	1 148	821	865
	1982	943	650	566	774	629	1 212	933	1 014
	$1,000, 1987	27 749	24 333	28 208	11 569	35 763	46 684	42 600	54 773
	1982	33 614	36 701	32 503	14 100	42 276	46 095	46 693	62 917
Corn for grain	farms, 1987	825	554	444	716	500	1 061	764	830
	1982	860	582	500	727	575	1 070	821	915
	$1,000, 1987	21 480	14 297	14 280	10 073	17 840	31 745	23 833	30 932
	1982	28 663	25 171	16 202	13 300	24 513	32 839	29 105	38 861
Wheat	farms, 1987	17	42	5	9	1	10	4	3
	1982	5	82	1	11	1	16	6	3
	$1,000, 1987	21	89	(D)	9	(D)	17	2	(D)
	1982	(D)	272	(D)	(D)	(D)	(D)	25	(D)
Soybeans	farms, 1987	469	520	463	101	502	770	738	798
	1982	340	523	509	49	593	771	829	916
	$1,000, 1987	5 723	9 901	13 789	974	17 858	14 365	18 490	23 650
	1982	4 648	10 932	14 090	473	17 682	12 835	17 274	23 481
Sorghum for grain	farms, 1987	-	-	-	2	-	-	-	1
	1982	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	(D)	-	-	-	(D)
	1982	-	-	-	-	-	-	-	-
Barley	farms, 1987	5	-	-	10	-	3	-	4
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	8	-	-	11	-	2	-	5
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats	farms, 1987	252	38	60	269	27	299	125	91
	1982	182	40	101	199	56	281	185	167
	$1,000, 1987	502	(D)	123	491	(D)	533	251	128
	1982	283	(D)	195	271	(D)	387	289	(D)
Other grains[2]	farms, 1987	9	2	2	6	1	7	7	6
	1982	1	2	2	1	-	1	-	19
	$1,000, 1987	14	(D)	(D)	(D)	(D)	22	24	25
	1982	(D)	(D)	(D)	(D)	-	(D)	-	317

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) .... farms, 1987	719	948	1 037	960	1 026	1 052	1 065	1 024
1982	771	1 054	1 135	1 105	1 158	1 176	1 208	1 192
$1,000, 1987	67 911	89 981	120 898	64 788	133 865	97 752	115 469	81 515
1982	70 257	106 280	120 734	76 955	151 257	115 130	133 094	85 100
Average per farm .... dollars, 1987	94 452	94 916	116 584	67 487	130 473	92 920	108 422	79 604
1982	91 125	100 816	106 374	69 643	130 619	97 900	110 177	71 393
1987 value of sales:								
Less than $1,000 .... farms	24	27	24	32	28	18	28	19
$1,000	5	12	7	10	13	7	9	7
$1,000 to $2,499 .... farms	26	40	32	56	30	24	29	44
$1,000	43	65	49	95	48	43	47	69
$2,500 to $4,999 .... farms	37	36	24	53	41	36	39	60
$1,000	131	121	83	200	150	126	143	223
$5,000 to $9,999 .... farms	54	66	49	84	46	46	48	76
$1,000	398	464	385	605	347	355	321	548
$10,000 to $19,999 .... farms	83	74	88	148	96	90	106	115
$1,000	1 189	1 119	1 368	2 195	1 419	1 340	1 505	1 679
$20,000 to $24,999 .... farms	38	31	39	69	51	56	47	54
$1,000	849	694	868	1 524	1 145	1 263	1 041	1 213
$25,000 to $39,999 .... farms	87	124	137	114	98	127	124	118
$1,000	2 800	3 996	4 437	3 589	3 270	4 037	4 004	3 775
$40,000 to $49,999 .... farms	33	52	77	53	78	64	64	50
$1,000	1 470	2 295	3 472	2 350	3 491	2 841	2 814	2 241
$50,000 to $99,999 .... farms	154	207	226	173	236	246	214	236
$1,000	11 382	14 964	15 995	12 151	17 376	17 710	15 683	17 292
$100,000 to $249,999 .... farms	142	230	249	143	228	281	254	201
$1,000	20 906	35 620	37 833	22 159	34 736	43 929	39 548	29 798
$250,000 to $499,999 .... farms	32	44	62	27	52	54	85	35
$1,000	10 659	15 079	20 621	8 829	17 439	17 852	27 757	12 006
$500,000 or more .... farms	9	17	30	9	42	10	27	16
$1,000	18 079	15 551	35 780	11 081	54 432	8 229	22 509	12 664
1982 value of sales[1]:								
Less than $1,000 .... farms	17	21	15	41	21	11	21	36
$1,000	5	9	5	(D)	7	(D)	(D)	12
$1,000 to $2,499 .... farms	26	30	32	51	34	30	43	45
$1,000	52	50	51	83	58	58	78	75
$2,500 to $4,999 .... farms	40	42	29	65	25	24	42	60
$1,000	143	159	107	221	86	89	150	215
$5,000 to $9,999 .... farms	50	61	46	105	45	24	73	100
$1,000	355	452	332	787	321	193	538	720
$10,000 to $19,999 .... farms	78	86	91	148	97	77	97	121
$1,000	1 122	1 298	1 386	2 195	1 472	1 155	1 404	1 735
$20,000 to $24,999 .... farms	39	38	52	52	51	44	62	39
$1,000	876	837	1 166	1 154	1 117	995	1 372	875
$25,000 to $39,999 .... farms	114	111	154	157	116	157	126	144
$1,000	3 659	3 621	5 028	5 110	3 689	5 187	4 174	4 658
$40,000 to $49,999 .... farms	49	68	80	59	81	87	70	72
$1,000	2 165	3 048	3 971	2 631	3 608	3 888	3 126	3 210
$50,000 to $99,999 .... farms	177	273	295	226	308	324	287	311
$1,000	13 127	19 791	20 678	16 020	22 074	23 152	21 243	22 477
$100,000 to $249,999 .... farms	145	254	229	152	271	311	274	212
$1,000	20 596	39 035	34 573	23 404	41 728	47 335	42 239	31 637
$250,000 to $499,999 .... farms	21	54	70	32	72	75	77	43
$1,000	6 960	18 036	23 431	10 188	24 810	24 447	28 486	13 956
$500,000 or more .... farms	12	16	33	15	37	11	34	9
$1,000	21 175	19 924	30 005	15 104	52 286	8 599	29 993	5 530
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops .... farms, 1987	619	821	895	748	915	944	914	882
1982	663	929	966	878	1 028	1 060	1 015	1 027
$1,000, 1987	37 379	58 970	57 236	30 747	57 639	52 901	53 889	49 914
1982	38 588	65 450	(D)	32 851	67 458	62 051	59 098	53 164
Grains .... farms, 1987	606	808	886	726	904	934	891	859
1982	655	916	958	843	1 017	1 050	996	998
$1,000, 1987	36 570	58 384	55 815	30 150	57 336	52 695	53 150	49 453
1982	37 247	64 759	59 861	31 140	67 266	61 620	58 491	52 304
Corn for grain .... farms, 1987	540	771	832	656	849	884	825	792
1982	544	838	869	699	928	956	885	860
$1,000, 1987	16 643	28 551	31 292	16 192	30 098	29 206	29 512	27 284
1982	17 953	35 635	36 877	17 989	39 394	37 328	35 453	28 721
Wheat .... farms, 1987	19	5	5	5	2	1	-	30
1982	61	5	1	10	1	3	2	146
$1,000, 1987	50	10	(D)	(D)	(D)	(D)	-	85
1982	193	(D)	(D)	(D)	(D)	(D)	(D)	624
Soybeans .... farms, 1987	576	781	826	642	839	871	819	782
1982	627	862	858	712	942	969	873	900
$1,000, 1987	19 588	29 670	24 373	13 756	27 110	23 290	23 494	21 282
1982	18 812	28 820	22 679	12 707	27 705	24 052	22 706	22 178
Sorghum for grain .... farms, 1987	6	-	-	-	-	-	-	-
1982	11	-	-	5	1	1	-	3
$1,000, 1987	32	-	-	-	-	-	-	-
1982	74	-	-	(D)	(D)	(D)	-	16
Barley .... farms, 1987	-	1	-	-	-	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	(D)	-	-	-	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats .... farms, 1987	12	62	89	126	65	112	84	73
1982	24	115	149	193	115	181	123	123
$1,000, 1987	26	146	127	193	81	166	(D)	110
1982	35	233	277	337	131	227	308	339
Other grains[2] .... farms, 1987	21	3	2	2	5	5	4	27
1982	14	2	4	-	1	1	5	14
$1,000, 1987	232	(D)	(D)	(D)	(D)	(D)	(D)	692
1982	180	(D)	(D)	-	(D)	(D)	(D)	426

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) .... farms, 1987	893	938	754	787	1 057	1 354	1 465	775
1982	963	1 065	848	874	1 150	1 422	1 569	894
$1,000, 1987	55 693	66 773	77 786	80 294	91 209	93 723	119 686	44 126
1982	72 834	70 388	88 363	88 454	106 795	91 759	135 838	53 290
Average per farm .... dollars, 1987	62 367	71 186	103 164	102 026	86 376	69 219	81 697	56 936
1982	75 632	66 718	104 202	101 206	92 865	64 529	85 486	59 608
1987 value of sales:								
Less than $1,000 .... farms	48	29	14	11	30	42	66	46
$1,000	14	11	7	2	9	8	28	13
$1,000 to $2,499 .... farms	69	33	11	19	43	72	85	62
$1,000	110	56	18	33	74	123	138	109
$2,500 to $4,999 .... farms	83	40	15	19	45	71	90	53
$1,000	300	143	53	75	164	254	333	197
$5,000 to $9,999 .... farms	86	56	29	49	90	150	117	90
$1,000	625	420	205	352	648	1 090	849	638
$10,000 to $19,999 .... farms	100	118	58	71	131	189	171	115
$1,000	1 471	1 660	850	1 037	1 920	2 690	2 595	1 681
$20,000 to $24,999 .... farms	62	51	35	50	64	77	85	33
$1,000	1 386	1 139	788	1 133	1 426	1 733	1 921	728
$25,000 to $39,999 .... farms	96	138	117	96	121	162	131	87
$1,000	3 066	4 421	3 777	2 716	3 782	5 129	4 078	2 753
$40,000 to $49,999 .... farms	48	70	53	66	66	71	75	36
$1,000	2 120	3 125	2 344	2 892	2 943	3 144	3 303	1 586
$50,000 to $99,999 .... farms	140	206	177	185	207	249	244	126
$1,000	10 011	15 356	12 656	13 319	14 851	17 662	18 098	8 767
$100,000 to $249,999 .... farms	113	153	187	161	192	216	303	91
$1,000	17 462	22 675	28 819	24 849	29 980	32 778	47 400	14 281
$250,000 to $499,999 .... farms	40	34	42	52	50	40	85	32
$1,000	13 181	10 103	13 709	18 131	16 373	13 402	28 023	10 941
$500,000 or more .... farms	8	10	16	18	18	15	13	4
$1,000	5 949	7 644	14 359	15 756	19 128	15 710	12 920	2 433
1982 value of sales[1]:								
Less than $1,000 .... farms	26	20	9	18	26	40	45	33
$1,000	(D)	8	5	2	(D)	17	(D)	(D)
$1,000 to $2,499 .... farms	67	17	17	23	45	68	70	44
$1,000	116	31	27	37	78	114	111	70
$2,500 to $4,999 .... farms	77	47	10	17	37	66	86	70
$1,000	284	174	38	65	138	246	305	235
$5,000 to $9,999 .... farms	80	83	33	39	74	110	114	93
$1,000	570	628	243	280	559	788	844	663
$10,000 to $19,999 .... farms	111	121	64	72	137	201	179	111
$1,000	1 674	1 740	986	1 095	2 035	2 965	2 649	1 567
$20,000 to $24,999 .... farms	43	55	36	36	38	85	66	64
$1,000	968	1 228	802	803	859	1 883	1 469	1 427
$25,000 to $39,999 .... farms	103	159	99	96	144	168	168	105
$1,000	3 340	5 069	3 261	3 051	4 621	5 320	5 417	3 402
$40,000 to $49,999 .... farms	44	90	75	50	74	105	92	52
$1,000	2 000	3 975	3 320	2 261	3 329	4 660	4 087	2 304
$50,000 to $99,999 .... farms	176	256	215	237	255	310	314	156
$1,000	12 636	18 356	15 683	17 002	17 867	21 934	22 974	11 367
$100,000 to $249,999 .... farms	183	173	226	215	248	215	348	132
$1,000	28 714	24 909	34 234	32 189	39 213	32 113	54 117	20 093
$250,000 to $499,999 .... farms	41	27	46	51	56	45	85	29
$1,000	14 005	9 065	16 101	16 801	19 430	14 702	27 442	9 691
$500,000 or more .... farms	11	7	18	20	13	9	21	4
$1,000	8 471	5 205	13 665	14 867	18 607	7 019	16 344	2 454
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops .... farms, 1987	695	764	686	656	846	855	1 150	588
1982	779	848	772	726	899	865	1 278	700
$1,000, 1987	23 101	28 516	45 287	29 682	34 158	14 618	50 678	20 574
1982	34 778	30 002	51 722	(D)	37 126	20 063	55 025	26 358
Grains .... farms, 1987	674	745	685	653	821	806	1 100	560
1982	760	829	768	721	862	822	1 245	661
$1,000, 1987	22 838	27 869	44 895	29 448	33 483	13 532	49 873	20 128
1982	34 456	29 468	51 521	30 204	36 374	19 062	54 006	25 855
Corn for grain .... farms, 1987	586	663	649	578	720	723	997	489
1982	686	705	701	564	763	777	1 050	560
$1,000, 1987	13 495	15 869	21 366	16 267	23 120	11 147	28 199	10 038
1982	23 566	18 824	29 028	17 135	27 584	17 041	32 763	15 619
Wheat .... farms, 1987	21	5	1	7	10	35	5	27
1982	57	7	3	3	14	16	9	66
$1,000, 1987	(D)	7	(D)	7	(D)	52	(D)	68
1982	100	51	(D)	2	(D)	(D)	21	139
Soybeans .... farms, 1987	567	618	651	605	668	248	962	491
1982	583	674	737	668	616	164	1 075	574
$1,000, 1987	9 231	11 675	23 337	12 911	10 002	1 942	21 259	9 889
1982	10 717	10 265	22 293	12 641	8 378	1 727	20 756	9 995
Sorghum for grain .... farms, 1987	-	3	1	-	2	-	1	-
1982	-	1	-	-	1	-	1	-
$1,000, 1987	-	(D)	(D)	-	(D)	-	(D)	-
1982	-	(D)	-	-	(D)	-	(D)	-
Barley .... farms, 1987	-	1	-	3	-	2	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	(D)	-	(D)	-	(D)	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats .... farms, 1987	54	182	72	80	195	233	219	60
1982	77	213	76	154	200	186	290	84
$1,000, 1987	73	288	140	120	280	378	318	71
1982	72	315	(D)	365	303	241	463	(D)
Other grains[2] .... farms, 1987	3	8	2	16	4	8	11	3
1982	-	2	-	9	3	1	4	2
$1,000, 1987	(D)	17	(D)	(D)	35	(D)	91	61
1982	-	(D)	-	61	66	(D)	(D)	(D)

See footnotes at end of table.

Table 2. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1987	1 356	1 161	1 036	1 718	989	1 690	634	690
1982	1 506	1 307	1 193	1 885	1 060	1 810	699	769
$1,000, 1987	94 864	109 533	85 338	173 436	56 758	92 818	42 271	23 117
1982	106 156	113 757	98 034	202 307	64 933	104 388	57 699	27 495
Average per farm ..... dollars, 1987	69 959	94 343	82 373	100 952	57 389	54 922	66 674	33 503
1982	70 395	87 036	82 175	107 324	61 258	57 673	82 545	35 755
1987 value of sales:								
Less than $1,000 ..... farms	95	32	25	14	75	105	11	63
$1,000	33	11	8	6	29	35	6	17
$1,000 to $2,499 ..... farms	76	61	67	30	84	136	37	60
$1,000	132	101	114	56	144	223	63	101
$2,500 to $4,999 ..... farms	103	50	73	26	91	158	31	84
$1,000	377	187	277	97	335	565	114	326
$5,000 to $9,999 ..... farms	115	89	98	74	131	181	68	101
$1,000	826	673	711	552	955	1 293	507	728
$10,000 to $19,999 ..... farms	174	135	111	119	143	257	76	103
$1,000	2 547	1 976	1 574	1 767	2 032	3 820	1 119	1 482
$20,000 to $24,999 ..... farms	54	55	37	73	46	85	22	43
$1,000	1 210	1 224	808	1 659	1 032	1 870	487	971
$25,000 to $39,999 ..... farms	129	120	87	225	88	206	72	67
$1,000	4 210	3 884	2 708	7 158	2 664	6 545	2 279	2 057
$40,000 to $49,999 ..... farms	72	64	57	124	44	98	36	33
$1,000	3 160	2 897	2 571	5 528	2 012	4 349	1 594	1 479
$50,000 to $99,999 ..... farms	268	227	191	465	126	212	138	67
$1,000	18 879	15 922	13 737	32 865	8 952	15 165	9 952	4 664
$100,000 to $249,999 ..... farms	199	226	222	432	109	184	122	60
$1,000	30 579	34 440	33 574	65 457	17 347	29 473	18 149	8 410
$250,000 to $499,999 ..... farms	49	74	52	109	40	62	18	9
$1,000	16 306	25 683	17 559	35 957	13 541	19 169	5 962	2 881
$500,000 or more ..... farms	22	28	16	27	12	6	3	-
$1,000	16 605	22 535	11 697	22 334	7 717	10 310	2 040	-
1982 value of sales[1]:								
Less than $1,000 ..... farms	89	35	19	19	67	104	13	44
$1,000	31	11	5	7	28	37	(D)	(D)
$1,000 to $2,499 ..... farms	78	44	55	32	73	129	26	58
$1,000	129	71	100	59	118	211	43	101
$2,500 to $4,999 ..... farms	83	72	67	24	95	141	44	84
$1,000	287	267	249	79	354	515	160	308
$5,000 to $9,999 ..... farms	123	78	100	63	99	179	55	113
$1,000	897	575	727	460	747	1 287	415	826
$10,000 to $19,999 ..... farms	187	112	145	112	158	271	69	125
$1,000	2 738	1 650	2 115	1 788	2 355	3 989	1 008	1 831
$20,000 to $24,999 ..... farms	65	53	52	68	46	101	25	45
$1,000	1 493	1 207	1 175	1 535	1 049	2 242	564	1 006
$25,000 to $39,999 ..... farms	170	159	126	206	122	199	69	83
$1,000	5 511	5 178	4 045	6 770	3 828	6 388	2 161	2 674
$40,000 to $49,999 ..... farms	71	86	69	171	42	116	44	48
$1,000	3 219	3 850	3 097	7 650	1 878	5 147	1 970	2 192
$50,000 to $99,999 ..... farms	308	287	237	554	174	264	138	102
$1,000	21 540	20 803	17 274	40 228	12 336	18 894	10 004	7 529
$100,000 to $249,999 ..... farms	265	291	259	485	133	242	181	57
$1,000	41 053	44 702	40 768	73 143	20 690	37 686	27 505	7 884
$250,000 to $499,999 ..... farms	57	75	49	108	41	52	25	9
$1,000	20 274	25 065	16 780	35 857	13 798	16 413	8 122	2 849
$500,000 or more ..... farms	12	15	15	43	10	12	9	-
$1,000	8 984	10 376	11 700	34 731	7 751	11 560	5 672	-
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1987	997	841	828	1 568	777	1 341	543	406
1982	1 105	948	940	1 702	844	1 441	601	486
$1,000, 1987	27 949	27 837	33 840	100 025	18 657	42 899	23 130	7 507
1982	40 002	(D)	(D)	111 625	27 856	56 889	35 144	8 499
Grains ..... farms, 1987	920	811	816	1 552	733	1 247	532	372
1982	1 044	916	923	1 690	819	1 362	590	451
$1,000, 1987	26 660	27 168	33 414	99 463	17 813	40 124	22 047	7 216
1982	39 014	36 029	36 604	111 045	26 875	54 590	33 828	8 093
Corn for grain ..... farms, 1987	776	739	729	1 487	574	1 086	487	303
1982	897	851	776	1 527	649	1 209	532	315
$1,000, 1987	15 907	18 257	20 212	50 674	8 341	22 783	12 847	3 850
1982	27 699	29 087	25 762	63 622	14 708	35 215	22 833	4 579
Wheat ..... farms, 1987	14	11	27	4	110	20	22	2
1982	24	13	47	5	232	14	30	11
$1,000, 1987	43	(D)	(D)	(D)	148	(D)	(D)	(D)
1982	(D)	70	105	11	412	57	113	49
Soybeans ..... farms, 1987	703	525	705	1 489	643	943	450	295
1982	692	507	717	1 604	705	1 028	461	359
$1,000, 1987	10 355	8 560	12 953	48 449	9 274	16 839	9 100	3 299
1982	10 758	8 625	12 531	47 036	11 716	18 982	10 815	3 411
Sorghum for grain ..... farms, 1987	4	-	1	1	5	4	-	-
1982	2	1	-	1	-	-	-	-
$1,000, 1987	(D)	-	(D)	(D)	(D)	35	-	-
1982	(D)	(D)	-	(D)	-	-	-	-
Barley ..... farms, 1987	1	-	-	1	-	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	(D)	-	-	(D)	-	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ..... farms, 1987	216	163	76	142	33	265	30	33
1982	197	153	87	204	41	244	39	47
$1,000, 1987	340	330	116	202	32	425	33	(D)
1982	265	229	99	331	(D)	321	54	54
Other grains[2] ..... farms, 1987	4	6	6	17	1	6	5	-
1982	17	3	6	2	2	7	11	-
$1,000, 1987	11	(D)	67	124	(D)	(D)	(D)	-
1982	205	(D)	107	(D)	(D)	15	13	-

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1987	1 234	1 059	1 193	1 131	1 073	641	939	854
1982	1 391	1 154	1 265	1 231	1 201	684	1 011	933
$1,000, 1987	135 613	57 338	111 789	63 716	90 288	55 111	96 194	75 040
1982	144 235	56 581	116 208	71 958	99 555	63 442	95 936	92 682
Average per farm ..... dollars, 1987	109 897	54 144	93 704	56 336	84 146	85 976	102 443	87 869
1982	103 691	49 030	91 864	58 455	82 893	92 751	94 892	99 338
1987 value of sales:								
Less than $1,000 ..... farms	11	76	25	65	46	31	22	18
$1,000	3	24	7	27	16	7	7	7
$1,000 to $2,499 ..... farms	29	86	39	93	56	31	39	29
$1,000	48	147	68	158	104	50	63	49
$2,500 to $4,999 ..... farms	39	110	69	98	56	40	44	43
$1,000	136	407	250	360	214	151	154	163
$5,000 to $9,999 ..... farms	50	155	109	136	76	58	68	65
$1,000	352	1 115	778	987	571	437	487	500
$10,000 to $19,999 ..... farms	118	141	164	186	130	61	90	118
$1,000	1 794	2 076	2 373	2 662	1 904	897	1 313	1 733
$20,000 to $24,999 ..... farms	62	44	63	41	51	27	32	37
$1,000	1 385	984	1 411	903	1 126	605	718	811
$25,000 to $39,999 ..... farms	167	105	117	112	127	65	124	101
$1,000	5 409	3 342	3 754	3 564	4 093	2 026	3 904	3 216
$40,000 to $49,999 ..... farms	84	56	55	43	53	36	44	43
$1,000	3 789	2 479	2 433	1 913	2 384	1 578	1 997	1 947
$50,000 to $99,999 ..... farms	284	144	205	162	196	124	176	166
$1,000	20 500	9 863	14 750	11 562	13 978	9 133	12 662	11 817
$100,000 to $249,999 ..... farms	279	119	251	150	199	128	217	188
$1,000	42 650	17 467	39 743	23 241	30 909	19 321	33 660	29 286
$250,000 to $499,999 ..... farms	74	17	75	35	68	30	61	29
$1,000	25 274	5 630	24 131	10 843	21 677	10 221	20 936	9 526
$500,000 or more ..... farms	37	6	21	10	15	10	22	17
$1,000	34 273	13 805	22 092	7 496	13 314	10 685	20 292	15 985
1982 value of sales[1]:								
Less than $1,000 ..... farms	12	58	23	70	41	33	28	26
$1,000	(D)	16	8	25	14	(D)	10	(D)
$1,000 to $2,499 ..... farms	30	66	58	72	73	34	37	19
$1,000	49	114	100	127	117	58	62	34
$2,500 to $4,999 ..... farms	44	118	59	127	61	27	40	32
$1,000	153	429	222	461	220	102	142	118
$5,000 to $9,999 ..... farms	55	153	75	125	85	61	58	80
$1,000	399	1 142	534	921	601	442	449	586
$10,000 to $19,999 ..... farms	95	169	141	153	123	63	101	90
$1,000	1 414	2 449	2 065	2 173	1 771	898	1 487	1 344
$20,000 to $24,999 ..... farms	61	57	51	64	54	26	34	42
$1,000	1 361	1 275	1 131	1 418	1 198	573	755	936
$25,000 to $39,999 ..... farms	196	137	140	120	137	68	123	96
$1,000	6 509	4 442	4 513	3 700	4 469	2 144	3 972	3 120
$40,000 to $49,999 ..... farms	93	58	68	64	71	47	58	53
$1,000	4 132	2 596	3 050	2 881	3 219	2 153	2 614	2 364
$50,000 to $99,999 ..... farms	373	192	250	206	238	142	231	216
$1,000	27 224	13 779	17 976	14 812	17 157	10 243	16 883	15 579
$100,000 to $249,999 ..... farms	324	122	316	193	244	135	225	215
$1,000	49 027	17 995	49 634	28 397	38 107	20 658	35 061	33 698
$250,000 to $499,999 ..... farms	80	18	67	30	56	31	58	47
$1,000	27 318	6 203	22 182	10 515	19 175	10 550	18 818	15 840
$500,000 or more ..... farms	27	6	17	7	18	15	18	15
$1,000	26 638	6 142	14 795	6 529	13 506	15 375	15 682	18 927
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1987	1 014	765	994	869	877	546	762	749
1982	1 169	845	1 029	925	996	570	851	794
$1,000, 1987	38 781	21 353	35 848	26 309	49 698	31 630	33 922	43 192
1982	40 340	21 353	35 013	24 206	55 252	32 189	38 414	51 498
Grains ..... farms, 1987	998	699	972	815	847	528	748	737
1982	1 151	799	1 010	874	977	551	839	785
$1,000, 1987	38 076	20 657	34 725	24 098	48 111	31 368	33 326	42 737
1982	39 760	20 732	34 038	21 689	53 755	31 884	35 625	51 050
Corn for grain ..... farms, 1987	870	611	803	684	776	471	672	695
1982	925	604	776	642	868	444	704	685
$1,000, 1987	17 923	10 304	18 453	12 596	28 986	16 286	18 309	24 374
1982	20 130	11 171	17 944	11 565	34 761	16 442	20 860	31 796
Wheat ..... farms, 1987	5	4	4	15	10	27	19	32
1982	13	33	7	34	4	70	15	65
$1,000, 1987	(D)	(D)	(D)	(D)	(D)	56	(D)	83
1982	(D)	(D)	(D)	(D)	(D)	276	53	464
Soybeans ..... farms, 1987	939	581	858	687	740	487	663	628
1982	1 037	676	893	748	807	505	723	649
$1,000, 1987	19 741	10 190	16 052	11 330	18 869	14 872	14 535	17 550
1982	18 762	9 323	15 810	9 881	18 618	15 008	14 330	18 189
Sorghum for grain ..... farms, 1987	-	-	-	-	-	1	-	2
1982	1	3	1	1	1	1	2	4
$1,000, 1987	-	-	-	-	-	(D)	-	(D)
1982	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Barley ..... farms, 1987	1	-	-	-	2	-	4	1
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	(D)	-	-	-	(D)	-	(D)	(D)
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ..... farms, 1987	200	61	155	115	117	19	185	67
1982	286	96	221	130	175	38	207	97
$1,000, 1987	400	143	211	150	159	(D)	371	130
1982	745	133	263	166	338	91	327	263
Other grains[2] ..... farms, 1987	1	4	3	1	7	6	12	42
1982	13	-	1	-	1	3	2	18
$1,000, 1987	(D)	(D)	(D)	(D)	53	83	78	567
1982	73	-	(D)	-	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) .... farms, 1987..	736	701	901	1 232	731	1 015	934	1 740
1982..	761	769	1 005	1 337	833	1 057	1 015	1 874
$1,000, 1987..	27 469	54 168	54 308	156 715	74 371	72 822	91 667	183 614
1982..	29 142	64 125	71 741	165 422	88 273	80 273	106 680	190 741
Average per farm .... dollars, 1987..	37 322	77 273	30 275	127 204	101 739	71 746	98 145	105 525
1982..	38 294	83 387	71 384	123 727	105 969	75 945	105 104	101 783
1987 value of sales:								
Less than $1,000 .... farms..	58	24	62	12	12	33	17	42
$1,000..	17	12	22	5	3	9	8	9
$1,000 to $2,499 .... farms..	45	29	74	30	18	44	22	58
$1,000..	75	47	119	51	29	76	36	97
$2,500 to $4,999 .... farms..	91	36	56	25	25	63	19	62
$1,000..	331	137	203	87	90	228	66	231
$5,000 to $9,999 .... farms..	105	53	97	54	[illegible]	107	45	107
$1,000..	759	385	700	388	127	790	318	777
$10,000 to $19,999 .... farms..	132	85	119	124	46	145	82	178
$1,000..	1 899	1 288	1 828	1 830	659	2 100	1 226	2 596
$20,000 to $24,999 .... farms..	37	31	37	47	39	64	39	77
$1,000..	823	685	840	1 039	855	1 419	877	1 729
$25,000 to $39,999 .... farms..	88	81	80	133	105	97	83	218
$1,000..	2 783	2 633	2 559	4 311	3 351	2 995	2 615	6 957
$40,000 to $49,999 .... farms..	35	43	60	83	61	65	67	99
$1,000..	1 558	1 908	2 661	3 755	2 762	2 930	2 990	4 459
$50,000 to $99,999 .... farms..	81	148	144	322	190	180	256	352
$1,000..	5 595	10 876	10 421	22 899	13 576	13 200	19 113	25 838
$100,000 to $249,999 .... farms..	51	141	135	297	166	180	230	396
$1,000..	7 730	21 189	21 102	44 631	24 636	26 204	35 305	60 530
$250,000 to $499,999 .... farms..	8	19	34	80	35	29	62	109
$1,000..	2 489	6 033	10 804	26 657	11 530	10 345	21 270	38 449
$500,000 or more .... farms..	5	11	3	25	18	8	12	42
$1,000..	3 411	8 976	3 049	51 063	16 754	12 527	7 844	41 943
1982 value of sales[1]:								
Less than $1,000 .... farms..	41	21	45	12	11	17	13	44
$1,000..	8	5	16	(D)	4	4	(D)	15
$1,000 to $2,499 .... farms..	49	35	68	26	17	42	18	58
$1,000..	83	56	116	43	25	73	32	103
$2,500 to $4,999 .... farms..	82	39	58	28	24	63	16	37
$1,000..	308	134	205	106	89	227	58	140
$5,000 to $9,999 .... farms..	113	52	91	48	29	95	36	111
$1,000..	806	364	678	362	236	725	259	828
$10,000 to $19,999 .... farms..	139	90	109	115	51	141	63	156
$1,000..	2 020	1 306	1 639	1 716	784	2 078	972	2 288
$20,000 to $24,999 .... farms..	46	35	52	49	29	54	37	76
$1,000..	1 007	783	1 163	1 069	659	1 213	814	1 701
$25,000 to $39,999 .... farms..	87	78	86	178	110	121	109	191
$1,000..	2 766	2 520	2 795	5 785	3 551	3 847	3 445	6 153
$40,000 to $49,999 .... farms..	32	41	48	98	68	70	78	112
$1,000..	1 436	1 848	2 173	4 415	3 023	3 132	3 462	5 009
$50,000 to $99,999 .... farms..	99	182	203	343	244	239	281	498
$1,000..	6 949	13 045	14 650	24 563	17 195	17 233	20 551	35 874
$100,000 to $249,999 .... farms..	59	151	202	324	186	171	277	448
$1,000..	8 963	22 540	30 852	49 396	27 501	25 193	42 512	68 490
$250,000 to $499,999 .... farms..	13	37	34	80	43	33	73	108
$1,000..	(D)	12 427	11 515	26 879	14 532	10 476	24 670	35 986
$500,000 or more .... farms..	1	8	9	34	21	11	13	35
$1,000..	(D)	9 097	5 938	51 069	20 674	16 071	9 723	34 156
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops .... farms, 1987..	473	588	701	1 083	647	859	847	1 453
1982..	506	631	813	1 152	737	880	938	1 543
$1,000, 1987..	7 045	28 679	24 833	52 958	35 059	36 881	52 681	54 527
1982..	7 088	(D)	34 395	52 525	38 512	37 901	60 024	55 585
Grains .... farms, 1987..	419	575	671	1 071	638	828	845	1 426
1982..	467	617	785	1 145	733	867	929	1 520
$1,000, 1987..	6 545	26 274	22 851	52 628	34 543	29 428	52 383	53 527
1982..	6 584	26 206	32 917	51 837	37 796	27 977	59 780	54 713
Corn for grain .... farms, 1987..	318	517	579	978	585	718	797	1 222
1982..	315	490	707	973	627	640	838	1 197
$1,000, 1987..	3 081	13 420	12 600	25 524	16 171	13 097	25 750	26 269
1982..	3 652	12 999	21 782	27 332	19 884	13 063	34 105	29 055
Wheat .... farms, 1987..	6	11	26	3	3	56	1	14
1982..	13	69	25	4	8	152	3	14
$1,000, 1987..	9	(D)	56	4	(D)	123	(D)	34
1982..	17	199	107	(D)	25	386	(D)	85
Soybeans .... farms, 1987..	331	532	554	999	624	784	802	1 286
1982..	378	562	580	1 092	708	820	874	1 299
$1,000, 1987..	3 363	12 744	10 020	26 852	18 184	16 006	26 386	26 213
1982..	2 847	12 906	10 886	24 121	17 484	14 269	25 385	24 245
Sorghum for grain .... farms, 1987..	-	-	1	-	-	1	1	-
1982..	5	-	1	-	-	3	1	1
$1,000, 1987..	-	-	(D)	-	-	(D)	(D)	-
1982..	26	-	(D)	-	-	(D)	(D)	(D)
Barley .... farms, 1987..	1	-	2	-	-	-	-	-
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987..	(D)	-	(D)	-	-	-	-	-
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats .... farms, 1987..	25	38	94	161	97	41	88	304
1982..	36	62	94	194	170	80	126	420
$1,000, 1987..	37	45	163	240	(D)	[illegible]	160	745
1982..	41	(D)	132	351	376	101	259	1 247
Other grains[2] .... farms, 1987..	2	2	9	3	6	5	5	26
1982..	-	2	8	4	4	2	2	16
$1,000, 1987..	(D)	(D)	9	8	47	(D)	(D)	265
1982..	-	(D)	(D)	(D)	27	(D)	(D)	(D)

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) farms, 1987	987	1 001	1 652	1 047	701	1 035	973	1 177
1982	1 105	1 110	1 628	1 152	776	1 146	1 097	1 317
$1,000, 1987	94 124	55 492	148 757	81 132	38 620	129 941	81 530	108 594
1982	112 692	59 999	188 499	90 797	41 990	148 176	98 658	115 195
Average per farm dollars, 1987	95 364	55 436	90 047	77 490	55 093	125 547	83 792	92 263
1982	101 983	54 053	103 118	78 817	54 111	129 298	83 934	87 468
1987 value of sales:								
Less than $1,000 farms	8	87	80	35	33	14	50	17
$1,000	3	25	26	9	7	6	17	5
$1,000 to $2,499 farms	23	114	94	48	32	32	57	42
$1,000	41	194	156	84	53	49	93	72
$2,500 to $4,999 farms	13	108	93	46	52	22	57	35
$1,000	48	389	335	166	204	83	207	140
$5,000 to $9,999 farms	51	112	144	85	80	33	77	51
$1,000	372	786	1 060	625	567	224	544	384
$10,000 to $19,999 farms	117	127	156	125	94	123	113	112
$1,000	1 720	1 778	2 257	1 810	1 360	1 799	1 649	1 738
$20,000 to $24,999 farms	42	40	74	49	33	56	52	61
$1,000	945	883	1 656	1 081	755	1 242	1 161	1 364
$25,000 to $39,999 farms	130	92	180	117	106	115	104	142
$1,000	4 201	2 889	5 805	3 691	3 370	3 677	3 273	4 560
$40,000 to $49,999 farms	57	42	75	57	48	71	50	84
$1,000	2 531	1 891	3 377	2 537	2 118	3 166	2 219	3 766
$50,000 to $99,999 farms	259	104	310	197	114	212	167	312
$1,000	18 553	7 244	22 805	14 151	8 298	15 419	11 699	22 651
$100,000 to $249,999 farms	224	125	319	231	85	235	177	249
$1,000	34 271	19 468	49 550	35 470	13 244	35 799	27 963	38 030
$250,000 to $499,999 farms	44	41	95	48	21	83	48	55
$1,000	15 472	13 923	31 985	15 630	6 680	28 574	15 632	17 763
$500,000 or more farms	19	9	32	9	3	39	21	17
$1,000	15 967	6 022	29 765	5 678	1 963	39 902	17 071	18 120
1982 value of sales[1]:								
Less than $1,000 farms	7	78	78	33	23	12	49	11
$1,000	1	(D)	22	14	(D)	5	14	3
$1,000 to $2,499 farms	19	102	92	37	31	34	85	31
$1,000	35	167	151	63	52	55	89	53
$2,500 to $4,999 farms	13	105	93	60	45	18	55	44
$1,000	43	374	331	216	164	63	198	160
$5,000 to $9,999 farms	39	119	148	67	75	39	77	72
$1,000	292	857	1 055	476	550	285	556	504
$10,000 to $19,999 farms	74	149	180	136	119	102	108	111
$1,000	1 124	2 142	2 698	2 050	1 719	1 563	1 576	1 618
$20,000 to $24,999 farms	40	57	80	61	48	80	50	61
$1,000	867	1 264	1 794	1 371	1 071	1 339	1 123	1 367
$25,000 to $39,999 farms	130	99	177	117	112	133	103	167
$1,000	4 278	3 167	5 681	3 868	3 567	4 373	3 274	5 458
$40,000 to $49,999 farms	88	57	108	79	65	67	43	108
$1,000	3 926	2 535	4 776	3 501	2 932	3 002	1 939	4 838
$50,000 to $99,999 farms	348	161	353	252	143	284	227	356
$1,000	25 509	11 460	25 681	18 386	9 877	20 555	16 733	25 720
$100,000 to $249,999 farms	258	145	368	252	98	273	247	287
$1,000	39 149	21 683	56 052	39 425	15 192	41 116	38 449	42 147
$250,000 to $499,999 farms	69	29	106	50	12	77	68	54
$1,000	23 025	9 824	36 240	16 136	4 293	26 117	23 019	17 638
$500,000 or more farms	20	8	45	8	4	47	15	15
$1,000	14 423	5 952	54 018	5 290	2 461	49 704	11 688	15 689
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops farms, 1987	921	772	1 352	842	502	921	806	996
1982	1 028	885	1 476	947	602	992	864	1 106
$1,000, 1987	52 217	39 779	72 582	36 210	13 056	45 971	32 387	44 370
1982	67 498	42 510	76 892	(D)	14 104	51 264	44 905	45 416
Grains farms, 1987	916	704	1 293	819	488	906	761	984
1982	1 022	812	1 413	924	571	978	841	1 095
$1,000, 1987	51 366	36 589	69 962	35 578	12 703	45 376	30 120	43 676
1982	67 141	40 505	74 455	41 329	13 360	50 396	43 119	44 828
Corn for grain farms, 1987	877	626	1 170	736	380	790	674	910
1982	952	687	1 204	800	365	815	769	963
$1,000, 1987	26 384	19 598	38 743	19 414	5 691	21 321	21 073	25 558
1982	37 205	24 267	42 992	25 117	5 745	26 584	34 380	27 329
Wheat farms, 1987	-	3	39	5	9	3	6	3
1982	2	21	115	5	47	14	7	17
$1,000, 1987	-	(D)	123	19	(D)	7	(D)	(D)
1982	(D)	68	472	14	114	(D)	7	92
Soybeans farms, 1987	876	606	1 125	731	439	867	601	881
1982	983	692	1 214	809	531	904	532	944
$1,000, 1987	25 497	16 886	30 746	15 671	6 915	23 367	8 858	17 613
1982	29 626	16 011	30 595	15 593	7 325	22 546	8 509	16 639
Sorghum for grain farms, 1987	-	-	1	-	1	-	-	-
1982	-	6	1	-	5	3	-	-
$1,000, 1987	-	-	(D)	-	(D)	-	-	-
1982	-	(D)	(D)	-	(D)	(D)	-	-
Barley farms, 1987	-	-	-	-	-	3	-	1
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	-	-	-	-	(D)	-	(D)
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats farms, 1987	74	50	140	220	25	125	123	208
1982	140	72	188	308	42	226	144	309
$1,000, 1987	(D)	73	315	417	61	(D)	169	382
1982	227	117	(D)	602	75	485	224	663
Other grains[2] farms, 1987	2	2	7	6	3	42	1	15
1982	1	1	1	3	1	44	-	21
$1,000, 1987	(D)	(D)	(D)	56	(D)	360	(D)	117
1982	(D)	(D)	(D)	3	(D)	630	-	105

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ... farms, 1987	2 015	1 136	1 404	774	693	783	899	1 310
1982	2 100	1 248	1 508	890	772	883	950	1 394
$1,000, 1987	348 597	101 788	105 643	40 437	39 630	32 952	35 435	54 969
1982	323 993	109 993	114 344	43 595	39 080	39 525	41 589	60 628
Average per farm ... dollars, 1987	173 001	89 445	75 244	52 244	57 186	42 084	39 416	41 961
1982	154 282	88 136	75 825	48 984	50 622	44 763	43 367	43 491
1987 value of sales:								
Less than $1,000 ... farms	19	45	42	33	49	61	103	127
$1,000	7	15	19	11	15	20	41	35
$1,000 to $2,499 ... farms	40	61	66	37	47	55	93	136
$1,000	69	98	113	65	83	91	156	235
$2,500 to $4,999 ... farms	74	57	79	50	50	56	96	143
$1,000	273	204	295	191	181	200	340	524
$5,000 to $9,999 ... farms	102	90	102	90	87	121	115	212
$1,000	754	668	747	660	609	895	804	1 544
$10,000 to $19,999 ... farms	210	164	189	134	96	151	156	182
$1,000	3 105	2 370	2 690	1 937	1 355	2 127	2 255	2 654
$20,000 to $24,999 ... farms	85	56	48	54	36	36	37	56
$1,000	1 913	1 259	1 072	1 200	808	808	824	1 252
$25,000 to $39,999 ... farms	221	113	144	90	79	75	73	122
$1,000	7 101	3 599	4 666	2 900	2 482	2 341	2 306	3 795
$40,000 to $49,999 ... farms	98	54	83	32	25	36	38	52
$1,000	4 396	2 420	3 663	1 403	1 140	1 608	1 610	2 332
$50,000 to $99,999 ... farms	379	212	307	143	129	105	88	133
$1,000	27 717	15 328	21 846	10 141	9 070	7 530	6 344	9 742
$100,000 to $249,999 ... farms	477	200	272	95	80	73	84	107
$1,000	75 075	31 474	40 480	14 119	12 416	10 865	12 744	15 865
$250,000 to $499,999 ... farms	174	65	57	15	13	10	17	30
$1,000	60 945	21 711	19 222	(D)	(D)	3 728	5 746	9 444
$500,000 or more ... farms	136	21	15	1	2	4	3	10
$1,000	167 242	22 643	10 830	(D)	(D)	2 740	2 266	7 548
1982 value of sales[1]:								
Less than $1,000 ... farms	27	36	42	22	35	47	73	100
$1,000	7	10	13	(D)	11	(D)	29	36
$1,000 to $2,499 ... farms	33	78	61	36	49	58	87	140
$1,000	54	133	100	65	87	99	149	236
$2,500 to $4,999 ... farms	46	52	74	59	53	76	106	162
$1,000	170	191	272	226	207	284	396	581
$5,000 to $9,999 ... farms	90	97	101	110	97	121	136	209
$1,000	649	709	742	779	743	862	982	1 493
$10,000 to $19,999 ... farms	164	107	181	145	112	133	151	207
$1,000	2 508	1 589	2 674	2 160	1 638	1 924	2 186	2 899
$20,000 to $24,999 ... farms	90	66	72	49	64	44	48	54
$1,000	1 989	1 474	1 608	1 085	1 456	992	1 095	1 204
$25,000 to $39,999 ... farms	219	136	155	121	89	105	73	129
$1,000	7 015	4 399	4 965	3 929	2 817	3 363	2 334	4 004
$40,000 to $49,999 ... farms	125	67	107	59	32	53	38	60
$1,000	5 617	3 002	4 830	2 622	1 441	2 331	1 698	2 675
$50,000 to $99,999 ... farms	466	256	316	174	128	144	121	162
$1,000	33 572	18 792	22 769	12 039	9 006	10 263	8 898	11 558
$100,000 to $249,999 ... farms	531	266	332	99	97	86	94	134
$1,000	81 778	40 001	50 054	14 251	14 885	12 857	13 705	20 326
$250,000 to $499,999 ... farms	185	60	56	10	10	11	29	30
$1,000	65 540	19 889	18 165	3 541	3 331	3 907	(D)	10 152
$500,000 or more ... farms	124	24	11	3	6	4	1	7
$1,000	125 094	19 468	8 152	2 893	3 457	2 561	(D)	5 462
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ... farms, 1987	1 531	957	1 161	628	521	588	612	894
1982	1 578	1 062	1 245	726	588	679	721	983
$1,000, 1987	55 150	55 294	54 800	18 395	13 081	13 637	17 003	23 179
1982	52 214	66 947	57 353	17 603	(D)	17 377	(D)	23 544
Grains ... farms, 1987	1 505	926	1 137	605	488	554	529	800
1982	1 544	1 024	1 221	709	559	645	654	900
$1,000, 1987	52 804	53 615	54 073	17 974	12 688	13 079	16 387	22 284
1982	50 609	65 636	56 494	17 141	12 486	17 060	20 184	22 439
Corn for grain ... farms, 1987	1 251	840	1 046	491	409	426	432	670
1982	1 176	902	1 066	475	383	505	515	659
$1,000, 1987	27 713	27 893	31 675	6 598	6 556	6 283	8 117	12 025
1982	27 891	37 812	36 039	7 943	7 040	9 328	11 866	12 767
Wheat ... farms, 1987	7	6	6	24	8	33	4	9
1982	10	7	8	99	39	125	27	40
$1,000, 1987	21	(D)	10	57	(D)	48	(D)	(D)
1982	(D)	(D)	(D)	270	175	247	116	96
Soybeans ... farms, 1987	1 339	848	986	559	424	504	469	638
1982	1 295	924	1 070	658	471	537	530	726
$1,000, 1987	24 541	25 619	22 167	9 243	6 013	6 713	8 221	10 036
1982	21 564	26 245	19 896	8 525	5 109	7 453	8 156	9 491
Sorghum for grain ... farms, 1987	-	-	-	2	-	-	1	1
1982	-	-	2	3	1	1	-	-
$1,000, 1987	-	-	-	(D)	-	-	(D)	(D)
1982	-	-	(D)	(D)	(D)	(D)	-	-
Barley ... farms, 1987	-	-	2	-	1	-	-	1
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	-	(D)	-	(D)	-	-	(D)
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ... farms, 1987	248	43	181	39	52	29	44	69
1982	387	78	298	64	120	40	41	91
$1,000, 1987	506	72	214	66	62	(D)	33	66
1982	1 017	134	457	80	(D)	(D)	(D)	(D)
Other grains[2] ... farms, 1987	6	4	1	3	4	2	1	5
1982	16	5	5	1	1	-	2	2
$1,000, 1987	23	(D)	(D)	(D)	35	(D)	(D)	49
1982	(D)	(D)	56	(D)	(D)	-	(D)	(D)

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) farms, 1987	1 158	743	1 235	742	1 633	1 360	667	882
1982	1 238	824	1 357	847	1 724	1 579	798	1 009
$1,000, 1987	113 286	34 630	112 144	57 541	120 561	127 445	56 004	85 033
1982	134 252	39 027	124 776	67 561	117 583	146 119	68 431	108 508
Average per farm dollars, 1987	97 829	46 608	90 805	77 548	73 828	93 709	83 964	96 409
1982	108 443	47 363	91 950	79 765	68 204	92 539	85 754	107 540
1987 value of sales:								
Less than $1,000 farms	20	45	33	15	51	59	16	6
$1,000	6	15	10	6	16	18	6	2
$1,000 to $2,499 farms	45	47	49	24	64	78	29	23
$1,000	79	79	87	40	110	128	51	36
$2,500 to $4,999 farms	63	65	41	28	85	75	36	16
$1,000	244	242	150	103	300	279	131	66
$5,000 to $9,999 farms	99	74	76	40	125	127	46	37
$1,000	711	554	558	304	926	903	336	282
$10,000 to $19,999 farms	123	110	132	65	214	142	59	89
$1,000	1 799	1 582	1 990	1 273	3 138	2 061	840	1 347
$20,000 to $24,999 farms	58	49	49	25	77	63	28	40
$1,000	1 298	1 091	1 092	562	1 709	1 427	636	896
$25,000 to $39,999 farms	109	112	166	87	167	159	68	91
$1,000	3 405	3 530	5 318	2 703	5 402	5 141	2 106	2 949
$40,000 to $49,999 farms	58	42	93	50	100	85	34	56
$1,000	2 580	1 860	4 135	2 242	4 510	3 781	1 553	2 499
$50,000 to $99,999 farms	229	110	261	190	330	226	159	234
$1,000	16 494	7 698	18 824	13 101	24 136	16 013	11 260	17 002
$100,000 to $249,999 farms	255	73	271	165	358	257	156	222
$1,000	40 442	10 656	40 887	25 618	53 412	39 707	23 384	33 280
$250,000 to $499,999 farms	71	13	48	30	50	64	21	50
$1,000	24 233	4 621	15 815	9 526	16 170	20 963	10 137	16 542
$500,000 or more farms	28	3	14	3	12	25	5	14
$1,000	22 005	2 712	23 260	2 063	10 732	37 006	5 263	10 126
1982 value of sales[1]:								
Less than $1,000 farms	23	27	32	19	30	59	19	8
$1,000	9	(D)	11	9	8	(D)	8	2
$1,000 to $2,499 farms	63	32	56	22	[illegible]	74	37	23
$1,000	100	(D)	98	37	63	121	62	40
$2,500 to $4,999 farms	48	54	41	30	83	93	31	20
$1,000	169	193	146	112	317	335	111	77
$5,000 to $9,999 farms	84	94	82	45	105	125	48	31
$1,000	602	671	611	320	750	898	354	228
$10,000 to $19,999 farms	108	135	112	81	200	187	74	67
$1,000	1 594	1 976	1 674	1 173	2 985	2 748	1 096	992
$20,000 to $24,999 farms	47	45	59	47	84	65	45	32
$1,000	1 052	1 002	1 329	1 040	1 887	1 442	969	724
$25,000 to $39,999 farms	113	127	159	92	211	167	93	103
$1,000	3 665	3 970	5 243	2 954	6 794	5 403	3 091	3 300
$40,000 to $49,999 farms	66	55	102	68	135	103	43	66
$1,000	2 985	2 503	4 511	3 033	6 026	4 584	1 920	2 949
$50,000 to $99,999 farms	251	159	329	215	435	301	194	298
$1,000	18 278	11 009	23 720	15 383	31 866	21 752	14 207	21 836
$100,000 to $249,999 farms	315	78	297	185	345	286	176	270
$1,000	49 434	11 454	44 047	27 976	50 955	44 850	27 165	39 824
$250,000 to $499,999 farms	85	15	74	40	32	81	34	68
$1,000	29 180	(D)	25 141	13 217	10 195	27 428	11 420	22 243
$500,000 or more farms	35	2	14	3	7	37	4	23
$1,000	27 183	(D)	18 244	2 306	5 706	36 510	8 008	18 293
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops farms, 1987	922	525	1 115	657	1 080	1 053	567	823
1982	985	604	1 205	740	1 109	1 199	678	937
$1,000, 1987	33 116	14 430	71 872	36 616	21 110	47 787	32 006	58 762
1982	44 444	15 090	82 686	43 867	20 563	56 865	38 910	73 453
Grains farms, 1987	895	497	1 095	635	1 009	1 002	555	820
1982	958	568	1 180	727	1 023	1 149	673	930
$1,000, 1987	31 987	13 887	71 327	36 181	18 816	46 562	31 649	58 613
1982	43 748	14 330	82 208	43 607	18 677	55 837	38 694	72 990
Corn for grain farms, 1987	745	415	1 027	595	890	900	520	773
1982	796	416	1 062	640	904	966	609	871
$1,000, 1987	18 194	7 092	35 125	20 818	14 623	29 202	17 554	30 351
1982	27 720	7 748	46 291	27 735	15 573	35 961	23 954	41 578
Wheat farms, 1987	46	17	3	2	3	14	-	2
1982	52	41	2	2	8	14	3	2
$1,000, 1987	74	27	(D)	(D)	(D)	(D)	-	(D)
1982	141	98	(D)	(D)	23	(D)	(D)	(D)
Soybeans farms, 1987	768	425	1 039	580	408	762	515	776
1982	756	502	1 111	656	378	810	591	872
$1 000, 1987	13 558	6 747	36 091	15 206	3 590	16 385	13 955	28 136
1982	15 679	6 439	35 656	15 703	2 719	18 240	14 559	31 237
Sorghum for grain farms, 1987	2	-	-	1	-	-	-	-
1982	10	-	2	-	1	2	-	-
$1,000, 1987	(D)	-	-	(D)	-	-	-	-
1982	(D)	-	(D)	-	(D)	(D)	-	-
Barley farms, 1987	-	1	-	-	17	1	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	(D)	-	-	26	(D)	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats farms, 1987	121	24	56	83	338	162	82	61
1982	137	45	101	111	272	270	124	90
$1,000, 1987	155	(D)	94	153	561	404	112	(D)
1982	156	(D)	203	154	347	1 006	168	(D)
Other grains[3] farms, 1987	5	-	4	-	2	40	3	-
1982	3	2	3	2	3	31	2	-
$1,000, 1987	(D)	-	(D)	-	(D)	522	28	-
1982	(D)	(D)	(D)	(D)	(D)	514	(D)	-

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con.								
Sales by commodity or commodity group-Con.								
Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	$1 000, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
Tobacco	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1987	12 947	110	91	193	174	114	180
	1982	14 589	176	110	208	144	151	178
	$1,000, 1987	46 480	530	306	876	461	353	568
	1982	57 638	(D)	425	(D)	(D)	724	518
Vegetables, sweet corn, and melons	farms, 1987	596	1	1	5	1	3	14
	1982	415	-	-	-	-	-	6
	$1,000, 1987	7 541	(D)	(D)	26	(D)	(D)	35
	1982	4 267	-	-	-	-	-	8
Fruits, nuts, and berries	farms, 1987	371	1	1	3	6	-	4
	1982	280	1	-	1	-	1	2
	$1,000, 1987	2 853	(D)	(D)	(D)	(D)	-	(D)
	1982	2 267	(D)	-	'D)	-	(D)	(D)
Nursery and greenhouse crops	farms, 1987	357	1	2	4	1	1	2
	1982	333	1	-	1	1	1	3
	$1,000, 1987	38 241	(D)	(D)	(D)	(D)	(D)	(D)
	1982	34 954	(D)	-	(D)	(D)	(D)	(D)
Other crops	farms, 1987	99	1	1	-	-	-	3
	1982	74	-	-	-	1	2	1
	$1,000, 1987	1 678	(D)	(D)	-	-	-	(D)
	1982	1 408	-	-	-	(D)	(D)	(D)
Livestock, poultry, and their products	farms, 1987	72 438	801	534	970	696	625	1 040
	1982	85 613	924	627	1 047	734	751	1 216
	$1,000, 1987	5 266 682	40 064	23 486	67 199	16 286	50 814	81 252
	1982	5 685 846	44 283	31 255	66 348	(D)	63 062	71 198
Poultry and poultry products	farms, 1987	3 643	36	17	19	18	45	42
	1982	5 208	54	29	49	26	50	85
	$1,000, 1987	192 229	26	22	(D)	5	(D)	2 458
	1982	164 052	(D)	(D)	(D)	(D)	653	(D)
Dairy products	farms, 1987	7 048	28	9	436	24	14	56
	1982	8 850	45	15	491	26	28	77
	$1,000, 1987	392 284	1 051	230	29 620	680	492	3 210
	1982	426 730	1 377	491	28 957	923	946	3 651
Cattle and calves	farms, 1987	50 509	679	471	878	664	421	692
	1982	62 765	822	562	983	685	571	859
	$1,000, 1987	2 124 641	22 192	13 645	19 271	12 051	25 608	40 876
	1982	2 500 175	23 897	17 915	17 904	9 742	34 965	31 399
Hogs and pigs	farms, 1987	38 638	395	229	426	143	361	573
	1982	49 012	543	335	484	209	476	748
	$1,000, 1987	2 494 231	16 454	9 332	17 951	3 207	23 803	33 721
	1982	2 550 488	18 558	12 676	19 144	3 614	26 109	34 351
Sheep, lambs, and wool	farms, 1987	8 922	98	40	87	92	68	161
	1982	10 484	125	47	76	107	84	184
	$1,000, 1987	46 157	257	239	130	312	284	925
	1982	26 703	370	103	78	257	330	233
Other livestock and livestock products (see text)	farms, 1987	3 417	27	18	31	24	28	33
	1982	3 705	35	30	32	21	19	39
	$1,000, 1987	17 139	85	18	(D)	31	(D)	62
	1982	17 698	(D)	(D)	(D)	123	78	(D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		50 200	416	272	113	236	390	753
Field crops, except cash grains (013)		1 451	6	10	23	46	2	16
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		1 451	6	10	23	46	2	16
Vegetables and melons (016)		213	-	1	-	-	-	4
Fruits and tree nuts (017)		195	-	-	1	1	-	1
Horticultural specialties (018)		278	-	1	3	1	1	2
General farms, primarily crop (019)		1 039	10	9	11	20	9	9
Livestock, except dairy, poultry, and animal specialties (021)		43 979	507	373	517	553	416	675
Beef cattle, except feedlots (0212)		10 095	120	140	187	409	61	66
Dairy farms (024)		4 209	9	4	357	18	6	30
Poultry and eggs (025)		570	-	-	2	-	4	5
Animal specialties (027)		1 601	11	9	6	10	13	11
General farms, primarily livestock and animal specialties (029)		1 445	11	9	29	6	10	16

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con.								
Sales by commodity or commodity group-Con.								
Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
Tobacco	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1987	146	107	155	131	72	155	70
	1982	150	139	186	156	78	196	90
	$1,000, 1987	431	340	476	349	219	551	231
	1982	525	367	562	388	303	597	(D)
Vegetables, sweet corn, and melons	farms, 1987	20	4	8	14	5	9	1
	1982	19	7	7	12	2	8	-
	$1,000, 1987	65	(D)	44	207	13	301	(D)
	1982	55	(D)	(D)	61	(D)	74	-
Fruits, nuts, and berries	farms, 1987	8	-	2	7	2	3	2
	1982	5	1	-	6	2	2	2
	$1,000, 1987	(D)	-	(D)	(D)	(D)	(D)	(D)
	1982	(D)	(D)	-	(D)	(D)	(D)	(D)
Nursery and greenhouse crops	farms, 1987	11	6	1	3	3	1	-
	1982	10	6	3	-	2	3	-
	$1,000, 1987	2 069	(D)	(D)	(D)	(D)	(D)	-
	1982	1 536	1 021	(D)	-	(D)	(D)	-
Other crops	farms, 1987	2	2	2	-	1	-	-
	1982	1	-	-	2	1	-	-
	$1,000, 1987	(D)	(D)	(D)	-	(D)	-	-
	1982	(D)	-	-	(D)	(D)	-	-
Livestock, poultry, and their products	farms, 1987	736	544	770	937	654	940	517
	1982	853	719	938	1 025	775	1 158	703
	$1,000, 1987	49 932	37 199	43 927	62 665	61 624	62 010	40 454
	1982	48 152	43 762	45 639	61 667	79 704	61 606	53 058
Poultry and poultry products	farms, 1987	52	32	46	81	54	67	25
	1982	59	44	64	88	60	93	33
	$1,000, 1987	4 861	2 996	1 355	753	14 841	1 796	1 848
	1982	3 664	3 909	2 020	(D)	(D)	2 263	1 604
Dairy products	farms, 1987	81	13	242	248	13	110	3
	1982	116	21	297	262	11	166	10
	$1,000, 1987	4 264	517	12 675	7 327	573	4 529	137
	1982	5 474	773	14 420	7 497	665	6 296	359
Cattle and calves	farms, 1987	413	318	543	646	242	562	247
	1982	552	445	687	718	380	750	403
	$1,000, 1987	9 813	14 659	10 [illegible]	16 911	23 787	16 663	16 338
	1982	12 837	18 409	10 464	16 930	27 429	16 587	20 124
Hogs and pigs	farms, 1987	416	270	366	574	468	562	296
	1982	473	362	472	652	566	720	449
	$1,000, 1987	30 363	18 559	18 688	37 214	42 058	38 444	21 710
	1982	25 565	20 459	18 606	35 582	41 111	35 972	22 318
Sheep, lambs, and wool	farms, 1987	102	95	91	114	86	144	93
	1982	122	116	117	102	76	168	118
	$1,000, 1987	401	214	227	147	406	401	373
	1982	218	150	131	92	439	333	362
Other livestock and livestock products (see text)	farms, 1987	49	32	40	82	24	48	21
	1982	46	54	43	77	23	56	28
	$1,000, 1987	210	54	118	314	156	157	49
	1982	155	82	106	(D)	(D)	155	71
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		715	674	502	624	643	613	728
Field crops, except cash grains (013)		17	21	17	7	3	13	5
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		17	21	17	7	3	13	5
Vegetables and melons (016)		9	1	2	5	3	6	-
Fruits and tree nuts (017)		4	-	1	-	-	-	-
Horticultural specialties (018)		11	5	1	2	1	1	-
General farms, primarily crop (019)		12	7	14	15	6	12	2
Livestock, except dairy, poultry, and animal specialties (021)		366	284	366	504	395	531	238
Beef cattle, except feedlots (0212)		41	44	51	56	15	53	32
Dairy farms (024)		35	7	165	109	3	43	2
Poultry and eggs (025)		14	8	6	6	22	16	6
Animal specialties (027)		39	18	25	14	15	20	9
General farms, primarily livestock and animal specialties (029)		27	4	41	46	6	39	2

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)-Con.							
Sales by commodity or commodity group-Con.							
Crops, including nursery and greenhouse crops-Con.							
Cotton and cottonseed farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Tobacco farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Hay, silage, and field seeds farms, 1987	140	117	132	83	106	154	132
1982	177	135	147	93	119	142	122
$1,000, 1987	350	474	432	307	368	548	459
1982	1 516	442	494	434	532	575	(D)
Vegetables, sweet corn, and melons farms, 1987	3	1	5	11	3	3	1
1982	2	-	1	9	1	3	1
$1,000, 1987	11	(D)	28	(D)	(D)	11	(D)
1982	(D)	-	(D)	(D)	(D)	(D)	(D)
Fruits, nuts, and berries farms, 1987	1	1	6	6	-	4	1
1982	1	2	2	2	-	2	-
$1,000, 1987	(D)	(D)	54	(D)	-	6	(D)
1982	(D)	(D)	(D)	(D)	-	(D)	-
Nursery and greenhouse crops farms, 1987	2	2	2	3	1	3	4
1982	2	3	2	4	2	-	1
$1,000, 1987	(D)	(D)	(D)	(D)	(D)	7	(D)
1982	(D)	(D)	(D)	(D)	(D)	-	(D)
Other crops farms, 1987	1	-	3	2	-	-	-
1982	-	-	-	2	1	-	-
$1,000, 1987	(D)	-	(D)	(D)	-	-	-
1982	-	-	-	(D)	(D)	-	-
Livestock, poultry, and their products farms, 1987	973	687	854	502	761	747	575
1982	1 134	863	988	668	940	889	650
$1,000, 1987	121 346	46 869	62 573	32 911	78 084	52 634	18 258
1982	139 383	52 836	65 847	39 078	(D)	51 176	18 682
Poultry and poultry products farms, 1987	44	24	31	26	31	50	20
1982	68	37	55	41	48	70	21
$1,000, 1987	95	(D)	122	1 730	(D)	546	15
1982	(D)	(D)	(D)	1 505	(D)	983	(D)
Dairy products farms, 1987	20	20	35	24	45	163	6
1982	34	41	63	18	47	189	12
$1,000, 1987	646	896	1 663	934	1 724	7 775	288
1982	(D)	1 379	2 846	792	1 840	7 454	409
Cattle and calves farms, 1987	597	534	520	226	499	535	513
1982	793	694	615	318	690	643	571
$1,000, 1987	67 065	28 169	20 473	5 684	39 977	19 660	9 629
1982	91 858	30 968	21 454	8 285	56 014	17 822	10 379
Hogs and pigs farms, 1987	714	353	518	303	463	404	209
1982	807	475	644	411	568	495	277
$1,000, 1987	52 683	17 465	39 699	24 288	34 361	23 635	8 132
1982	45 250	19 769	40 855	28 266	35 501	24 042	7 688
Sheep, lambs, and wool farms, 1987	74	90	195	70	85	58	72
1982	94	111	199	102	114	57	81
$1,000, 1987	(D)	227	544	120	614	(D)	157
1982	164	215	331	130	435	65	92
Other livestock and livestock products (see text) farms, 1987	16	19	31	36	38	27	37
1982	24	41	29	51	27	31	32
$1,000, 1987	(D)	(D)	73	155	(D)	(D)	57
1982	(D)	(D)	(D)	100	(D)	610	(D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	585	495	534	604	557	477	187
Field crops, except cash grains (013)	8	8	10	14	4	8	26
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	8	8	10	14	4	8	26
Vegetables and melons (016)	1	-	-	-	1	1	1
Fruits and tree nuts (017)	1	-	4	2	-	1	-
Horticultural specialties (018)	2	2	1	2	1	1	2
General farms, primarily crop (019)	2	6	5	6	4	8	7
Livestock, except dairy, poultry, and animal specialties (021)	696	409	574	251	479	394	450
Beef cattle, except feedlots (0212)	48	86	69	24	55	66	215
Dairy farms (024)	5	8	16	11	15	94	3
Poultry and eggs (025)	2	1	3	8	2	7	-
Animal specialties (027)	11	7	13	27	12	20	14
General farms, primarily livestock and animal specialties (029)	6	6	10	4	16	43	7

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)-Con.							
Sales by commodity or commodity group-Con.							
Crops, including nursery and greenhouse crops-Con.							
Cotton and cottonseed .... farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
$1,000, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Tobacco .... farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
$1,000, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
Hay, silage, and field seeds .... farms, 1987..	57	383	158	164	131	168	124
1982..	110	309	173	203	138	154	150
$1,000, 1987..	210	1 795	483	550	281	389	437
1982..	473	1 314	566	383	300	615	600
Vegetables, sweet corn, and melons .... farms, 1987..	1	4	5	3	16	4	3
1982..	1	1	2	1	3	7	-
$1,000, 1987..	(D)	(D)	25	(D)	(D)	(D)	(D)
1982..	(D)	(D)	(D)	(D)	(D)	4	-
Fruits, nuts, and berries .... farms, 1987..	1	6	7	-	7	3	7
1982..	1	3	2	1	1	4	2
$1,000, 1987..	(D)	20	27	-	80	(D)	52
1982..	(D)	25	(D)	(D)	(D)	(D)	(D)
Nursery and greenhouse crops .... farms, 1987..	1	7	3	-	7	2	1
1982..	2	4	2	1	9	1	1
$1,000, 1987..	(D)	61	(D)	-	619	(D)	(D)
1982..	(D)	(D)	(D)	(D)	244	(D)	(D)
Other crops .... farms, 1987..	1	2	1	1	1	1	2
1982..	1	1	1	2	-	1	-
$1,000, 1987..	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982..	(D)	(D)	(D)	(D)	-	(D)	-
Livestock, poultry, and their products .... farms, 1987..	516	1 486	1 029	1 052	587	742	564
1982..	699	1 591	1 172	1 280	741	815	629
$1,000, 1987..	46 634	120 437	72 802	66 068	29 869	23 125	24 345
1982..	62 029	107 251	63 218	(D)	36 374	22 612	24 939
Poultry and poultry products .... farms, 1987..	26	53	52	46	32	34	13
1982..	25	80	66	100	37	50	21
$1,000, 1987..	4 019	1 130	259	518	(D)	1 491	9
1982..	5 295	(D)	475	(D)	(D)	682	17
Dairy products .... farms, 1987..	10	682	59	41	9	83	15
1982..	23	756	89	70	10	99	18
$1,000, 1987..	210	41 947	3 511	1 369	343	2 032	776
1982..	700	41 643	4 301	2 065	(D)	3 080	627
Cattle and calves .... farms, 1987..	274	1 287	688	791	397	637	498
1982..	444	1 447	806	1 339	517	708	573
$1,000, 1987..	20 793	24 903	38 945	35 785	11 707	9 673	14 994
1982..	32 716	22 446	42 858	42 395	16 598	9 564	16 283
Hogs and pigs .... farms, 1987..	299	791	616	808	224	245	157
1982..	387	876	757	800	323	322	226
$1,000, 1987..	22 439	52 167	29 631	29 247	12 417	9 235	8 403
1982..	22 663	41 541	35 303	32 031	14 064	8 431	7 870
Sheep, lambs, and wool .... farms, 1987..	67	83	121	93	72	179	44
1982..	101	78	131	136	127	232	47
$1,000, 1987..	1 063	108	294	1 121	(D)	597	124
1982..	476	68	137	531	142	743	67
Other livestock and livestock products (see text) .... farms, 1987..	27	56	41	21	46	68	26
1982..	49	69	56	25	57	57	39
$1,000, 1987..	110	161	102	49	543	97	40
1982..	107	(D)	144	56	437	122	75
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	569	280	659	601	676	251	178
Field crops, except cash grains (013)	4	37	19	7	34	40	28
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	4	37	19	7	34	40	28
Vegetables and melons (016)	1	-	3	1	7	-	2
Fruits and tree nuts (017)	1	4	3	2	7	-	3
Horticultural specialties (018)	1	5	3	-	7	1	1
General farms, primarily crop (019)	8	37	8	12	12	29	17
Livestock, except dairy, poultry, and animal specialties (021)	261	748	665	675	290	527	454
Beef cattle, except feedlots (0212)	25	190	65	114	94	291	298
Dairy farms (024)	8	488	34	11	5	37	9
Poultry and eggs (025)	9	10	4	9	8	10	2
Animal specialties (027)	16	20	29	9	31	11	19
General farms, primarily livestock and animal specialties (029)	1	76	10	12	4	15	2

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed, farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Tobacco, farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds, farms, 1987	252	94	62	311	40	236	97	81
1982	220	78	71	273	44	273	127	96
$1,000, 1987	1 052	339	389	1 515	194	991	305	221
1982	900	423	595	1 127	115	1 203	392	761
Vegetables, sweet corn, and melons, farms, 1987	3	4	4	6	-	13	3	8
1982	-	7	6	12	1	3	3	11
$1,000, 1987	(D)	(D)	8	(D)	-	83	(D)	(D)
1982	-	(D)	(D)	(D)	(D)	[illegible]	1	(D)
Fruits, nuts, and berries, farms, 1987	5	4	-	12	2	3	1	-
1982	2	6	3	9	1	3	2	1
$1,000, 1987	35	13	-	24	(D)	(D)	(D)	-
1982	(D)	21	(D)	31	(D)	(Z)	(D)	(D)
Nursery and greenhouse crops, farms, 1987	1	5	6	8	2	3	5	1
1982	1	3	5	8	1	1	3	1
$1,000, 1987	(D)	(D)	184	334	(D)	(D)	(D)	(D)
1982	(D)	(D)	202	177	(D)	(D)	(D)	(D)
Other crops, farms, 1987	2	1	-	1	-	1	-	2
1982	3	-	-	2	-	-	3	-
$1,000, 1987	(D)	(D)	-	(D)	-	(D)	-	(D)
1982	11	-	-	(D)	-	-	(D)	-
Livestock, poultry, and their products, farms, 1987	1 257	441	348	1 502	309	1 180	585	611
1982	1 319	518	431	1 562	377	1 329	723	781
$1,000, 1987	138 652	18 206	35 451	139 630	20 950	87 519	33 517	54 914
1982	118 825	20 261	44 966	120 196	28 353	96 913	36 304	66 060
Poultry and poultry products, farms, 1987	45	15	23	58	24	45	32	48
1982	72	38	29	86	34	75	35	62
$1,000, 1987	1 111	(D)	1 769	(D)	193	1 589	997	5 257
1982	1 849	(D)	2 392	(D)	150	2 602	(D)	(D)
Dairy products, farms, 1987	516	15	22	812	2	407	45	26
1982	555	12	18	847	6	477	65	47
$1,000, 1987	32 549	1 137	1 146	46 212	(D)	25 100	1 613	927
1982	30 027	767	926	41 150	173	25 345	2 425	1 568
Cattle and calves, farms, 1987	923	315	191	1 263	165	864	350	272
1982	1 031	363	281	1 368	229	1 075	450	417
$1,000, 1987	22 261	7 553	20 381	37 927	9 587	20 348	10 582	11 741
1982	20 399	8 145	29 234	33 067	15 669	28 465	11 838	21 866
Hogs and pigs, farms, 1987	930	174	179	892	182	611	311	400
1982	1 004	250	242	982	222	731	377	516
$1,000, 1987	82 525	9 172	11 622	54 171	10 940	39 880	20 139	36 557
1982	86 327	10 900	12 071	45 429	12 232	42 196	20 248	37 964
Sheep, lambs, and wool, farms, 1987	76	63	63	63	39	105	65	82
1982	76	74	74	79	43	104	113	112
$1,000, 1987	171	180	279	(D)	158	455	124	203
1982	131	113	296	72	71	152	157	473
Other livestock and livestock products (see text), farms, 1987	26	35	16	52	21	49	45	26
1982	33	24	12	42	20	43	40	37
$1,000, 1987	34	(D)	54	180	(D)	147	62	228
1982	92	(D)	47	(D)	36	133	(D)	(D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	283	467	360	191	431	543	604	64
Field crops, except cash grains (013)	18	8	10	30	3	15	9	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	18	8	10	30	3	15	9	[illegible]
Vegetables and melons (016)	2	1	1	2	-	5	-	[illegible]
Fruits and tree nuts (017)	2	4	-	5	-	2	1	[illegible]
Horticultural specialties (018)	1	5	7	7	2	1	5	[illegible]
General farms, primarily crop (019)	18	5	2	26	3	15	10	[illegible]
Livestock, except dairy, poultry, and animal specialties (021)	781	235	181	894	156	576	295	32
Beef cattle, except feedlots (0212)	57	61	21	162	15	95	50	2
Dairy farms (024)	257	10	10	450	-	265	20	1
Poultry and eggs (025)	2	-	7	4	4	5	5	[illegible]
Animal specialties (027)	8	13	7	24	6	20	24	[illegible]
General farms, primarily livestock and animal specialties (029)	80	5	8	56	4	63	12	1

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con.								
Sales by commodity or commodity group-Con.								
Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed .... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Tobacco .... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .... farms, 1987	75	70	105	100	61	67	83	79
1982	62	117	112	172	81	114	112	115
$1,000, 1987	238	234	1 382	267	237	193	274	209
1982	196	374	636	741	(D)	383	330	615
Vegetables, sweet corn, and melons .... farms, 1987	4	5	2	1	2	1	9	6
1982	2	4	2	3	-	-	7	4
$1,000, 1987	10	(D)	(D)	(D)	(D)	(D)	(D)	55
1982	(D)	4	(D)	(D)	-	-	51	(D)
Fruits, nuts, and berries .... farms, 1987	3	2	1	4	-	2	5	9
1982	3	1	1	7	-	-	3	9
$1,000, 1987	(D)	(D)	(D)	8	-	(D)	(D)	(D)
1982	(D)	(D)	(D)	35	-	-	(D)	204
Nursery and greenhouse crops .... farms, 1987	2	2	-	4	3	1	4	3
1982	2	2	1	4	1	2	4	-
$1,000, 1987	(D)	(D)	-	(D)	(D)	(D)	345	(D)
1982	(D)	(D)	(D)	(D)	(D)	(D)	(D)	-
Other crops .... farms, 1987	-	3	1	-	1	-	-	-
1982	1	-	-	-	-	1	-	1
$1,000, 1987	-	(Z)	(D)	-	(D)	-	-	-
1982	(D)	-	-	-	-	(D)	-	(D)
Livestock, poultry, and their products .... farms, 1987	397	478	653	703	515	577	671	621
1982	482	650	769	844	663	731	815	822
$1,000, 1987	30 532	31 010	63 662	34 041	76 226	44 851	61 580	31 600
1982	31 669	40 611	(D)	44 104	83 799	53 079	73 996	31 937
Poultry and poultry products .... farms, 1987	12	23	62	25	51	40	38	29
1982	14	36	75	42	63	41	59	41
$1,000, 1987	14	116	(D)	106	31 558	(D)	1 958	20
1982	10	616	(D)	(D)	25 097	1 062	(D)	34
Dairy products .... farms, 1987	7	-	35	14	5	26	17	18
1982	4	4	58	20	6	54	20	36
$1,000, 1987	408	-	1 997	325	402	1 740	443	358
1982	300	71	2 562	592	336	2 466	840	1 064
Cattle and calves .... farms, 1987	297	310	353	559	154	272	364	509
1982	397	433	462	696	251	383	459	671
$1,000, 1987	20 154	12 391	29 779	16 397	10 534	12 386	16 562	18 857
1982	23 173	21 832	23 833	24 070	21 109	16 006	31 407	15 510
Hogs and pigs .... farms, 1987	166	207	403	318	340	401	406	260
1982	193	317	496	415	444	509	493	385
$1,000, 1987	9 675	17 974	29 918	17 018	32 318	26 671	42 300	12 240
1982	8 015	17 685	31 341	17 667	35 871	33 051	39 074	15 179
Sheep, lambs, and wool .... farms, 1987	23	103	107	81	76	60	60	35
1982	31	135	114	97	103	91	102	62
$1,000, 1987	65	456	402	176	212	207	137	96
1982	95	442	577	141	176	268	188	122
Other livestock and livestock products (see text) .... farms, 1987	16	21	39	31	44	16	46	27
1982	16	32	28	39	35	17	41	21
$1,000, 1987	17	71	(D)	19	1 202	(D)	181	29
1982	25	165	60	(D)	1 210	203	(D)	27
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	499	716	624	476	706	699	636	666
Field crops, except cash grains (013)	4	2	4	8	6	4	1	9
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	4	2	4	8	6	4	1	9
Vegetables and melons (016)	2	1	-	-	-	-	-	1
Fruits and tree nuts (017)	2	2	-	2	-	1	4	4
Horticultural specialties (018)	2	2	-	4	2	1	4	3
General farms, primarily crop (019)	8	3	6	3	2	2	5	2
Livestock, except dairy, poultry, and animal specialties (021)	179	204	355	434	252	313	362	315
Beef cattle, except feedlots (0212)	48	50	31	181	25	20	44	99
Dairy farms (024)	2	-	20	4	-	18	2	4
Poultry and eggs (025)	-	2	5	3	27	4	5	2
Animal specialties (027)	16	15	13	16	27	4	19	6
General farms, primarily livestock and animal specialties (029)	5	1	10	10	2	6	7	10

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con.								
Sales by commodity or commodity group-Con.								
Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed ......farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Tobacco ......farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ......farms, 1987	94	114	47	71	162	238	216	105
1982	93	132	49	124	178	229	272	113
$1,000, 1987	217	303	304	234	612	994	655	282
1982	273	510	141	(D)	716	950	863	333
Vegetables, sweet corn, and melons ......farms, 1987	3	1	1	-	3	4	12	5
1982	2	2	1	-	1	5	8	1
$1,000, 1987	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
1982	(D)	(D)	(D)	-	(D)	(D)	5	(D)
Fruits, nuts, and berries ......farms, 1987	4	-	-	-	2	7	13	-
1982	3	2	1	-	2	5	9	2
$1,000, 1987	8	-	-	-	(D)	42	66	-
1982	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Nursery and greenhouse crops ......farms, 1987	1	2	2	-	2	2	5	2
1982	3	1	2	-	3	1	4	5
$1,000, 1987	(D)	(D)	(D)	-	(D)	(D)	44	(D)
1982	(D)	(D)	(D)	-	(D)	(D)	94	(D)
Other crops ......farms, 1987	-	-	1	-	-	1	2	-
1982	-	-	-	-	-	3	2	-
$1,000, 1987	-	-	(D)	-	-	(D)	(D)	-
1982	-	-	-	-	-	(D)	(D)	-
Livestock, poultry, and their products ......farms, 1987	587	662	349	586	842	1 188	1 068	543
1982	675	822	449	677	970	1 281	1 279	690
$1,000, 1987	32 592	38 255	32 495	50 612	57 141	79 105	69 007	23 552
1982	38 056	40 386	36 641	(D)	69 660	71 696	80 812	26 932
Poultry and poultry products ......farms, 1987	46	35	14	20	34	59	52	17
1982	59	58	33	35	63	75	63	33
$1,000, 1987	5 103	(D)	267	(D)	744	234	648	24
1982	5 905	(D)	(D)	(D)	356	431	615	(D)
Dairy products ......farms, 1987	11	172	10	11	34	222	33	12
1982	12	243	10	17	72	266	56	21
$1,000, 1987	395	7 883	456	500	1 750	11 395	1 909	973
1982	572	10 623	634	987	2 881	10 813	4 028	1 233
Cattle and calves ......farms, 1987	378	495	149	410	643	1 056	778	407
1982	461	648	209	537	766	1 139	992	551
$1,000, 1987	7 656	11 296	12 859	29 593	24 533	41 701	27 746	7 925
1982	9 212	12 770	14 996	35 893	31 736	35 290	33 089	9 847
Hogs and pigs ......farms, 1987	275	366	219	347	462	581	510	255
1982	385	461	305	408	615	683	667	345
$1,000, 1987	18 878	17 427	18 662	19 425	29 627	24 761	38 270	14 121
1982	21 976	16 274	20 302	19 936	34 384	24 591	42 665	15 272
Sheep, lambs, and wool ......farms, 1987	115	49	75	64	120	91	149	87
1982	121	54	93	74	115	109	190	108
$1,000, 1987	376	334	205	(D)	350	134	359	371
1982	276	95	173	164	210	125	271	232
Other livestock and livestock products (see text) ......farms, 1987	43	21	14	26	33	59	57	27
1982	38	25	27	22	42	55	43	42
$1,000, 1987	184	(D)	30	299	136	829	75	139
1982	115	(D)	(D)	(D)	101	456	144	(D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	413	428	559	365	406	236	707	349
Field crops, except cash grains (013)	14	9	2	4	8	25	19	18
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	14	9	2	4	8	25	19	18
Vegetables and melons (016)	-	-	-	-	1	1	7	-
Fruits and tree nuts (017)	1	-	-	-	-	5	7	4
Horticultural specialties (018)	1	2	1	-	1	2	3	2
General farms, primarily crop (019)	13	8	1	7	8	24	10	11
Livestock, except dairy, poultry, and animal specialties (021)	397	339	171	387	591	857	647	364
Beef cattle, except feedlots (0212)	117	49	9	38	122	243	135	112
Dairy farms (024)	7	107	3	5	18	151	11	7
Poultry and eggs (025)	19	5	5	2	4	4	8	-
Animal specialties (027)	13	3	6	13	7	26	33	17
General farms, primarily livestock and animal specialties (029)	9	37	6	4	13	23	13	3

See footnotes at end of table.

Table 2. **Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con.								
Sales by commodity or commodity group-Con.								
Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed .... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Tobacco .... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .... farms, 1987	223	162	116	116	123	242	46	105
1982	255	155	148	145	138	209	57	121
$1,000, 1987	725	645	410	465	266	740	144	279
1982	785	515	548	434	409	617	410	400
Vegetables, sweet corn, and melons .... farms, 1987	20	2	-	10	7	26	11	4
1982	9	3	-	12	9	24	13	1
$1,000, 1987	(D)	(D)	-	97	88	446	412	12
1982	(D)	(D)	-	(D)	139	131	400	(D)
Fruits, nuts, and berries .... farms, 1987	30	4	2	-	10	17	4	-
1982	16	6	2	-	11	14	5	-
$1,000, 1987	152	(D)	(D)	-	(D)	147	(D)	-
1982	101	7	(D)	-	57	105	(D)	-
Nursery and greenhouse crops .... farms, 1987	11	5	-	-	3	26	1	-
1982	6	5	2	1	3	22	2	3
$1,000, 1987	190	20	-	-	363	1 418	(D)	-
1982	72	(D)	(D)	(D)	(D)	1 436	(D)	(D)
Other crops .... farms, 1987	4	-	2	-	5	5	4	-
1982	1	-	-	-	2	4	6	-
$1,000, 1987	(D)	-	(D)	-	(D)	24	391	-
1982	(D)	-	-	-	(D)	7	456	-
Livestock, poultry, and their products .... farms, 1987	992	822	786	960	702	1 088	383	556
1982	1 185	1 065	959	1 165	783	1 230	471	649
$1,000, 1987	66 915	81 695	51 497	73 411	38 101	49 919	19 141	15 610
1982	66 154	(D)	(D)	90 681	37 077	47 499	22 555	16 997
Poultry and poultry products .... farms, 1987	111	36	42	78	30	54	17	13
1982	141	59	41	105	50	74	26	27
$1,000, 1987	6 556	65	(D)	3 979	(D)	40	(D)	(D)
1982	3 680	(D)	(D)	4 525	(D)	127	125	432
Dairy products .... farms, 1987	121	133	8	67	31	106	4	9
1982	124	163	29	83	35	134	1	12
$1,000, 1987	4 761	7 119	424	3 324	2 449	4 976	278	757
1982	4 111	7 025	737	3 378	2 727	5 891	(D)	637
Cattle and calves .... farms, 1987	697	698	529	437	534	760	230	505
1982	609	820	656	591	606	892	304	596
$1,000, 1987	16 738	36 401	11 886	22 384	14 784	20 228	5 113	9 272
1982	16 646	30 934	13 946	32 943	13 018	17 582	7 179	11 063
Hogs and pigs .... farms, 1987	594	534	486	647	285	508	228	142
1982	747	648	658	816	383	611	295	240
$1,000, 1987	37 802	37 865	37 209	43 210	20 227	23 876	12 750	4 796
1982	40 773	36 711	42 112	49 465	20 406	23 352	15 091	6 357
Sheep, lambs, and wool .... farms, 1987	197	97	126	138	91	178	60	82
1982	252	109	151	173	105	201	66	83
$1,000, 1987	921	164	1 062	489	277	445	125	387
1982	713	151	966	312	320	367	80	432
Other livestock and livestock products (see text) .... farms, 1987	63	39	44	24	38	65	21	39
1982	85	38	45	37	50	63	24	31
$1,000, 1987	137	82	(D)	25	(D)	354	(D)	(D)
1982	229	131	90	58	(D)	190	(D)	76
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	473	373	459	1 189	408	791	380	182
Field crops, except cash grains (013)	26	12	5	8	24	38	3	23
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	26	12	5	8	24	38	3	23
Vegetables and melons (016)	7	-	-	3	3	15	5	1
Fruits and tree nuts (017)	13	2	1	-	2	11	4	-
Horticultural specialties (018)	8	3	-	-	3	17	1	-
General farms, primarily crop (019)	20	9	11	2	12	29	5	24
Livestock, except dairy, poultry, and animal specialties (021)	686	631	533	460	489	659	223	429
Beef cattle, except feedlots (0212)	141	118	88	27	162	177	23	253
Dairy farms (024)	50	95	4	25	24	57	4	6
Poultry and eggs (025)	15	3	3	9	4	3	4	2
Animal specialties (027)	37	17	16	5	16	47	3	16
General farms, primarily livestock and animal specialties (029)	19	16	4	17	4	23	2	7

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)-Con.									
Sales by commodity or commodity group-Con.									
Crops, including nursery and greenhouse crops-Con.									
Cotton and cottonseed	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
Tobacco	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1987	163	190	154	158	132	57	99	73
	1982	146	175	192	229	169	78	124	91
	$1,000, 1987	659	585	414	359	322	210	353	217
	1982	551	598	543	904	(D)	247	396	448
Vegetables, sweet corn, and melons	farms, 1987	9	4	5	10	8	7	9	2
	1982	6	1	8	5	2	6	6	-
	$1,000, 1987	34	19	(D)	(D)	15	(D)	232	(D)
	1982	8	(D)	30	13	(D)	(D)	263	-
Fruits, nuts, and berries	farms 1987	2	7	4	7	2	3	2	-
	1982	5	3	2	6	-	3	2	-
	$1,000, 1987	(D)	77	(D)	90	(D)	2	(D)	-
	1982	10	(D)	(D)	59	-	(D)	(D)	-
Nursery and greenhouse crops	farms, 1987	3	3	3	9	8	4	3	-
	1982	4	1	5	7	8	4	5	-
	$1,000, 1987	(D)	14	(D)	1 723	1 249	18	(D)	-
	1982	2	(D)	(D)	1 541	935	26	37	-
Other crops	farms, 1987	-	-	3	3	1	1	1	1
	1982	4	1	-	-	-	-	2	-
	$1,000, 1987	-	-	(D)	(D)	(D)	(D)	(D)	(D)
	1982	10	(D)	-	-	-	-	(D)	-
Livestock, poultry, and their products	farms, 1987	956	816	886	817	676	363	660	453
	1982	1 143	948	1 019	956	819	462	732	560
	$1,000, 1987	96 832	35 985	75 941	37 408	40 591	23 481	62 272	31 848
	1982	103 894	35 226	81 195	47 753	44 302	31 253	59 521	41 184
Poultry and poultry products	farms, 1987	54	32	43	42	32	13	59	15
	1982	81	38	74	66	40	15	70	25
	$1,000, 1987	71	(D)	1 454	825	557	7	5 301	8
	1982	201	117	(D)	1 041	682	5	4 889	56
Dairy products	farms, 1987	127	5	40	36	14	3	106	6
	1982	176	14	56	62	21	7	128	16
	$1,000, 1987	5 763	(D)	1 836	1 853	929	117	5 291	167
	1982	7 129	375	2 736	2 917	1 155	265	5 765	356
Cattle and calves	farms, 1987	688	697	610	585	471	272	371	335
	1982	905	784	747	737	598	351	454	430
	$1,000, 1987	50 398	12 392	27 465	11 080	17 309	14 611	21 730	20 299
	1982	57 335	17 387	28 434	15 265	20 169	19 754	20 657	27 930
Hogs and pigs	farms, 1987	599	297	534	402	315	170	406	247
	1982	768	441	688	549	389	246	464	321
	$1,000, 1987	39 883	12 792	44 745	23 307	21 256	8 627	29 881	11 173
	1982	38 757	16 901	48 316	28 181	21 938	11 109	27 903	12 647
Sheep, lambs, and wool	farms, 1987	105	104	106	95	108	36	72	46
	1982	117	125	108	86	131	36	90	58
	$1,000, 1987	589	402	399	260	419	104	174	179
	1982	443	290	287	270	221	79	209	154
Other livestock and livestock products (see text)	farms, 1987	31	40	27	43	39	14	31	17
	1982	35	66	29	38	40	12	35	25
	$1,000, 1987	128	72	42	83	120	15	95	22
	1982	30	158	(D)	79	138	42	99	40
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		513	442	506	474	610	408	424	547
Field crops, except cash grains (013)		4	40	8	22	11	8	5	9
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		4	40	8	22	11	8	5	9
Vegetables and melons (016)		4	3	1	2	1	6	4	1
Fruits and tree nuts (017)		-	7	-	7	1	2	2	-
Horticultural specialties (018)		1	2	2	8	8	1	2	-
General farms, primarily crop (019)		6	12	6	8	12	7	10	8
Livestock, except dairy, poultry, and animal specialties (021)		600	512	625	557	386	198	387	278
Beef cattle, except feedlots (0212)		80	240	97	167	86	51	41	69
Dairy farms (024)		58	1	18	19	7	-	55	2
Poultry and eggs (025)		3	3	9	5	8	-	20	-
Animal specialties (027)		17	30	8	20	22	9	8	6
General farms, primarily livestock and animal specialties (029)		28	7	10	9	7	2	22	5

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con.								
Sales by commodity or commodity group-Con.								
Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed ......farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Tobacco ......farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ......farms, 1987	136	96	97	105	80	122	53	203
1982	131	109	123	148	101	129	72	224
$1,000, 1987	483	(D)	269	306	415	233	211	861
1982	(D)	535	371	639	673	(D)	(D)	833
Vegetables, sweet corn, and melons ......farms, 1987	1	1	33	3	4	2	3	5
1982	-	1	29	-	1	-	-	2
$1,000, 1987	(D)	(D)	1 196	(D)	(D)	(D)	(D)	(D)
1982	-	(D)	699	-	(D)	-	-	(D)
Fruits, nuts, and berries ......farms, 1987	2	-	7	2	2	2	3	3
1982	2	-	4	1	1	-	2	-
$1,000, 1987	(D)	-	9	(D)	(D)	(D)	2	6
1982	(D)	-	(D)	(D)	(D)	-	(D)	-
Nursery and greenhouse crops ......farms, 1987	2	1	8	2	3	4	2	3
1982	-	2	4	3	2	4	-	2
$1,000, 1987	(D)	(D)	268	(D)	(D)	(D)	(D)	(D)
1982	-	(D)	(D)	(D)	(D)	(D)	-	(D)
Other crops ......farms, 1987	-	-	11	-	-	1	-	-
1982	-	-	12	-	-	-	-	-
$1,000, 1987	-	-	237	-	-	(D)	-	-
1982	-	-	271	-	-	-	-	-
Livestock, poultry, and their products ......farms, 1987	591	487	581	805	481	728	502	1 303
1982	650	589	725	911	592	829	636	1 537
$1,000, 1987	20 424	25 489	29 474	103 757	39 312	35 941	38 987	129 086
1982	22 053	(D)	37 346	112 898	49 760	42 372	46 656	135 157
Poultry and poultry products ......farms, 1987	15	21	36	37	30	31	27	65
1982	21	35	41	53	46	41	33	84
$1,000, 1987	6	17	31	(D)	(D)	26	908	1 591
1982	(D)	(D)	(D)	857	310	36	533	1 406
Dairy products ......farms, 1987	24	7	29	57	56	9	22	41
1982	25	15	47	67	78	18	35	76
$1,000, 1987	963	397	2 182	1 969	2 055	451	870	2 209
1982	1 199	601	2 605	2 419	2 051	457	1 044	3 687
Cattle and calves ......farms, 1987	532	378	381	406	307	611	225	798
1982	589	486	476	550	396	713	373	1 101
$1,000, 1987	12 621	13 426	9 958	56 229	17 821	19 578	13 181	60 132
1982	11 589	21 564	10 087	65 380	25 843	22 983	19 428	68 420
Hogs and pigs ......farms, 1987	163	250	289	574	271	332	370	897
1982	254	303	421	616	376	436	438	1 093
$1,000, 1987	6 561	11 511	16 996	44 297	18 340	15 553	23 642	63 878
1982	8 791	12 905	20 857	43 694	19 640	18 639	24 732	60 306
Sheep, lambs, and wool ......farms, 1987	75	44	106	100	60	57	59	124
1982	79	54	102	118	76	56	77	139
$1,000, 1987	209	90	251	387	303	151	311	(D)
1982	318	174	150	319	1 899	179	858	336
Other livestock and livestock products (see text) ......farms, 1987	33	13	45	20	6	38	14	35
1982	29	21	34	29	15	34	20	43
$1,000, 1987	64	48	58	(D)	(D)	182	74	(D)
1982	(D)	53	(D)	227	18	78	62	801
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	180	395	419	670	443	535	639	718
Field crops, except cash grains (013)	33	9	11	6	2	10	1	12
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	33	9	11	6	2	10	1	12
Vegetables and melons (016)	-	-	19	-	-	-	-	2
Fruits and tree nuts (017)	1	-	4	-	1	1	3	2
Horticultural specialties (018)	1	1	7	1	2	4	2	2
General farms, primarily crop (019)	17	7	18	8	3	13	5	11
Livestock, except dairy, poultry, and animal specialties (021)	465	274	363	486	231	425	255	626
Beef cattle, except feedlots (0212)	293	84	67	34	22	111	15	95
Dairy farms (024)	10	3	21	22	15	7	9	17
Poultry and eggs (025)	1	1	2	4	5	1	4	8
Animal specialties (027)	12	8	29	11	3	17	7	22
General farms, primarily livestock and animal specialties (029)	16	3	8	24	26	2	9	20

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con.								
Sales by commodity or commodity group-Con.								
Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed ……farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Tobacco ……farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ……farms, 1987	54	106	191	161	93	86	127	136
1982	84	137	236	222	162	148	128	144
$1,000, 1987	199	292	649	574	350	342	421	397
1982	345	457	1 281	(D)	(D)	822	407	524
Vegetables, sweet corn, and melons ……farms, 1987	1	16	17	2	1	2	20	2
1982	2	18	9	-	1	1	16	1
$1,000, 1987	(D)	272	(D)	(D)	(D)	(D)	216	(D)
1982	(D)	164	(D)	-	(D)	(D)	166	(D)
Fruits, nuts, and berries ……farms, 1987	-	5	8	2	2	1	14	2
1982	-	9	9	1	-	-	8	1
$1,000, 1987	-	67	223	(D)	(D)	(D)	(D)	(D)
1982	-	90	216	(D)	-	-	66	(D)
Nursery and greenhouse crops ……farms, 1987	2	23	13	1	-	2	13	4
1982	4	24	17	1	-	2	16	1
$1,000, 1987	(D)	2 552	1 775	(D)	-	(D)	1 582	(D)
1982	(D)	1 294	[illegible]	(D)	-	(D)	1 146	(D)
Other crops ……farms, 1987	-	3	1	-	-	-	1	-
1982	-	-	1	-	1	-	-	1
$1,000, 1987	-	7	(D)	-	-	-	(D)	-
1982	-	-	(D)	-	(D)	-	-	(D)
Livestock, poultry, and their products ……farms, 1987	483	489	1 087	815	563	680	848	884
1982	598	610	1 324	938	668	869	783	1 029
$1,000, 1987	41 907	15 712	76 075	44 922	25 564	83 971	49 143	64 224
1982	45 194	17 489	111 607	(D)	27 886	96 912	53 752	69 779
Poultry and poultry products ……farms, 1987	24	33	61	21	12	36	43	33
1982	34	30	83	50	16	53	70	45
$1,000, 1987	2 348	830	256	(D)	7	2 622	(D)	(D)
1982	(D)	(D)	402	(D)	5	933	1 320	46
Dairy products ……farms, 1987	7	11	13	27	11	22	39	23
1982	15	16	27	42	27	29	59	35
$1,000, 1987	329	440	424	1 467	638	1 543	3 911	742
1982	478	867	1 277	1 739	1 217	1 509	4 383	876
Cattle and calves ……farms, 1987	205	287	807	645	521	363	398	627
1982	312	405	1 026	777	610	544	480	805
$1,000, 1987	14 502	5 902	49 870	19 454	14 909	38 285	18 414	32 001
1982	19 648	6 765	82 126	21 983	17 394	56 826	20 059	37 295
Hogs and pigs ……farms, 1987	323	169	546	385	221	447	353	514
1982	408	242	666	512	295	549	465	629
$1,000, 1987	24 436	7 991	24 946	23 108	9 831	40 883	25 721	30 518
1982	23 224	9 037	26 843	23 708	9 107	37 182	27 649	31 180
Sheep, lambs, and wool ……farms, 1987	50	72	100	117	44	103	108	64
1982	64	86	129	127	44	128	112	90
$1,000, 1987	261	211	250	528	145	587	205	(D)
1982	212	226	225	266	92	313	120	154
Other livestock and livestock products (see text) ……farms, 1987	15	58	55	31	27	13	40	27
1982	18	64	66	31	23	20	38	28
$1,000, 1987	32	338	330	(D)	36	51	(D)	257
1982	(D)	(D)	734	(D)	71	149	212	228
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	722	605	926	473	210	600	450	589
Field crops, except cash grains (013)	4	29	29	16	11	8	12	5
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	4	29	29	16	11	8	12	5
Vegetables and melons (016)	1	11	4	-	-	1	8	-
Fruits and tree nuts (017)	-	3	7	-	-	-	9	2
Horticultural specialties (018)	2	18	11	1	-	2	10	3
General farms, primarily crop (019)	1	13	11	11	15	4	11	9
Livestock, except dairy, poultry, and animal specialties (021)	241	245	599	509	434	392	405	538
Beef cattle, except feedlots (0212)	15	87	127	133	209	36	49	67
Dairy farms (024)	3	5	6	16	8	9	24	12
Poultry and eggs (025)	7	10	5	2	-	10	3	1
Animal specialties (027)	2	53	48	6	4	4	29	10
General farms, primarily livestock and animal specialties (029)	4	9	6	13	19	5	12	8

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)-Con.									
Sales by commodity or commodity group-Con.									
Crops, including nursery and greenhouse crops-Con.									
Cotton and cottonseed	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
Tobacco	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms, 1987	254	91	194	109	103	149	171	230
	1982	224	101	231	110	123	139	173	244
	$1,000, 1987	1 061	300	682	(D)	295	391	448	651
	1982	1 117	644	798	(D)	(D)	303	621	616
Vegetables, sweet corn, and melons	farms, 1987	2	11	7	2	3	8	6	10
	1982	2	9	1	2	-	1	3	9
	$1,000, 1987	(D)	56	27	(D)	(D)	13	(D)	29
	1982	(D)	23	(D)	(D)	-	(D)	(D)	35
Fruits, nuts, and berries	farms, 1987	3	9	5	-	-	5	3	7
	1982	1	4	2	-	-	3	3	8
	$1,000, 1987	(D)	30	10	-	-	2	(D)	(D)
	1982	(D)	68	(D)	-	-	(D)	(D)	251
Nursery and greenhouse crops	farms, 1987	2	10	4	-	1	3	4	7
	1982	5	6	-	-	2	2	5	10
	$1,000, 1987	(D)	(D)	8	-	(D)	(D)	146	188
	1982	(D)	575	-	-	(D)	(D)	100	202
Other crops	farms, 1987	1	1	-	-	2	2	-	1
	1982	1	-	1	-	-	-	-	-
	$1,000, 1987	(D)	(D)	-	-	(D)	(D)	-	(D)
	1982	(D)	-	(D)	-	-	-	-	-
Livestock, poultry, and their products	farms, 1987	1 552	582	1 009	579	544	575	602	944
	1982	1 698	719	1 175	721	644	689	701	1 068
	$1,000, 1987	293 447	46 494	50 843	22 042	26 549	19 315	18 432	31 790
	1982	271 779	43 047	56 991	25 993	(D)	22 149	(D)	37 082
Poultry and poultry products	farms, 1987	93	41	77	18	18	17	20	30
	1982	98	39	112	24	19	35	37	36
	$1,000, 1987	7 122	2 969	1 186	(D)	8	(D)	(D)	(D)
	1982	4 597	3 709	(D)	(D)	(D)	67	(D)	1 404
Dairy products	farms, 1987	182	12	50	6	9	23	16	29
	1982	258	14	56	15	11	41	18	45
	$1,000, 1987	14 176	1 242	2 398	201	205	519	729	1 553
	1982	15 568	1 140	2 425	336	331	696	625	2 480
Cattle and calves	farms, 1987	947	281	721	511	473	490	478	760
	1982	1 239	370	875	636	568	598	545	905
	$1,000, 1987	173 008	17 669	18 728	10 769	11 903	7 133	8 400	12 591
	1982	175 356	15 244	22 658	1[illegible] 945	15 701	8 314	8 528	14 379
Hogs and pigs	farms, 1987	1 070	290	491	231	186	206	197	310
	1982	1 198	392	655	345	281	342	293	405
	$1,000, 1987	90 993	24 026	27 920	10 543	7 430	11 075	8 934	16 511
	1982	75 776	22 442	30 158	11 052	9 675	12 674	10 449	18 361
Sheep, lambs, and wool	farms, 1987	176	104	151	45	75	127	70	88
	1982	129	111	167	89	78	151	113	85
	$1,000, 1987	7 980	277	435	275	(D)	352	156	(D)
	1982	380	249	358	239	131	279	148	89
Other livestock and livestock products (see text)	farms, 1987	45	62	38	20	28	43	41	71
	1982	50	64	46	18	39	40	43	69
	$1,000, 1987	169	312	175	(D)	(D)	(D)	(D)	645
	1982	101	262	(D)	(D)	159	119	81	369
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		698	732	760	337	251	315	356	472
Field crops, except cash grains (013)		7	10	20	16	19	22	56	63
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		7	10	20	16	19	22	56	63
Vegetables and melons (016)		-	5	-	-	1	2	5	2
Fruits and tree nuts (017)		1	5	1	-	-	3	3	4
Horticultural specialties (018)		2	8	2	-	1	3	4	5
General farms, primarily crop (019)		7	7	15	8	10	23	23	31
Livestock, except dairy, poultry, and animal specialties (021)		1 125	315	543	394	380	382	406	648
Beef cattle, except feedlots (0212)		114	37	141	177	193	172	210	324
Dairy farms (024)		113	6	34	3	9	13	14	20
Poultry and eggs (025)		25	11	7	4	2	2	3	2
Animal specialties (027)		11	33	10	6	16	13	20	50
General farms, primarily livestock and animal specialties (029)		26	6	12	6	4	5	9	13

See footnotes at end of table.

Table 2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)-Con.								
Sales by commodity or commodity group-Con.								
Crops, including nursery and greenhouse crops-Con.								
Cotton and cottonseed farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Tobacco farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hay, silage, and field seeds farms, 1987	114	132	65	80	361	167	74	50
1982	157	150	91	71	351	166	70	67
$1,000, 1987	377	(D)	146	345	2 224	644	167	141
1982	652	(D)	277	165	1 786	666	(D)	(D)
Vegetables, sweet corn, and melons farms, 1987	10	1	10	6	5	9	4	2
1982	5	-	5	4	3	5	-	2
$1,000, 1987	(D)	(D)	36	61	(D)	26	(D)	(D)
1982	6	-	32	32	(D)	13	-	(D)
Fruits, nuts, and berries farms, 1987	9	-	2	2	5	3	-	1
1982	5	2	3	-	5	6	1	1
$1,000, 1987	10	-	(D)	(D)	5	2	-	(D)
1982	5	(D)	(D)	-	(D)	(D)	(D)	(D)
Nursery and greenhouse crops farms, 1987	2	-	6	3	1	6	2	2
1982	2	-	3	4	2	5	1	3
$1,000, 1987	(D)	-	211	(D)	(D)	554	(D)	(D)
1982	(D)	-	(D)	44	(D)	342	(D)	15
Other crops farms, 1987	-	-	1	-	-	-	1	-
1982	1	-	-	-	-	1	-	-
$1,000, 1987	-	-	(D)	-	-	-	(D)	-
1982	(D)	-	-	-	-	(D)	-	-
Livestock, poultry, and their products farms, 1987	874	573	503	379	1 432	898	401	374
1982	972	685	667	499	1 542	1 152	518	537
$1,000, 1987	80 170	20 200	40 272	20 925	99 451	79 658	23 997	26 271
1982	89 808	23 937	42 090	23 693	97 020	89 254	29 522	35 056
Poultry and poultry products farms, 1987	77	9	23	17	58	40	18	24
1982	111	18	42	23	99	72	30	41
$1,000, 1987	8 988	9	(D)	(D)	2 725	2 362	1 858	1 349
1982	8 621	(D)	(D)	(D)	1 777	2 187	1 010	(D)
Dairy products farms, 1987	48	18	5	47	572	14	29	9
1982	57	32	10	52	719	33	43	11
$1,000, 1987	1 419	784	296	1 742	35 091	285	1 314	334
1982	1 450	1 175	648	(D)	39 266	1 082	2 059	363
Cattle and calves farms, 1987	488	522	225	165	1 236	609	229	155
1982	595	620	351	226	1 399	654	281	228
$1,000, 1987	12 043	12 099	5 171	3 721	26 527	49 702	6 903	8 919
1982	16 566	13 562	10 052	5 539	24 551	54 838	11 186	12 378
Hogs and pigs farms, 1987	605	178	270	252	743	470	245	219
1982	736	251	358	331	843	639	332	340
$1,000, 1987	56 567	7 080	19 605	15 178	34 265	25 691	13 754	15 234
1982	62 568	8 623	20 735	15 781	31 036	29 361	15 059	21 342
Sheep, lambs, and wool farms, 1987	145	57	64	61	104	107	68	69
1982	157	64	76	81	138	161	69	113
$1,000, 1987	767	181	191	153	449	346	143	162
1982	380	233	144	160	221	513	134	141
Other livestock and livestock products (see text) farms, 1987	60	37	33	12	56	55	11	24
1982	66	26	50	17	46	53	18	28
$1,000, 1987	387	48	(D)	(D)	395	1 251	26	273
1982	221	(D)	(D)	30	169	1 274	73	(D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	435	249	973	472	263	661	423	700
Field crops, except cash grains (013)	6	24	11	8	47	27	5	1
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	8	24	11	8	47	27	5	1
Vegetables and melons (016)	6	-	5	1	-	4	3	-
Fruits and tree nuts (017)	3	-	2	-	3	2	-	1
Horticultural specialties (018)	1	-	5	2	1	5	-	-
General farms, primarily crop (019)	11	14	3	10	34	10	4	1
Livestock, except dairy, poultry, and animal specialties (021)	635	419	207	210	774	592	198	160
Beef cattle, except feedlots (0212)	60	246	35	19	200	119	28	11
Dairy farms (024)	17	10	3	23	405	5	12	2
Poultry and eggs (025)	21	-	7	2	9	11	6	4
Animal specialties (027)	14	12	14	6	21	32	4	7
General farms, primarily livestock and animal specialties (029)	7	15	5	8	76	11	12	6

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[1] Data for 1982 exclude abnormal farms.
[2] Data for 1982 include market value of barley sold.

Table 3. **Farm Production Expenses: 1987 and 1982**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Total farm production expenses .... farms, 1987	105 184	971	688	1 061	891	851	1 435
$1,000, 1987	6 647 645	53 286	26 557	55 344	19 043	60 293	104 950
Average per farm .... dollars, 1987	63 200	54 878	38 601	52 162	21 376	70 849	73 135
Livestock and poultry purchased .... farms, 1987	46 086	472	223	582	311	384	625
1982	53 457	578	347	532	339	573	788
$1,000, 1987	1 358 161	8 465	4 042	6 990	3 200	14 586	25 792
1982	1 536 601	11 91[illegible]	7 477	6 536	1 987	20 359	17 190
Feed for livestock and poultry .... farms, 1987	64 752	664	480	875	563	542	906
1982	78 070	872	621	903	576	765	1 151
$1,000, 1987	1 101 868	8 069	3 369	10 582	1 965	10 652	13 865
1982	1 214 715	8 250	5 868	9 593	1 966	14 694	14 738
Commercially mixed formula feeds .... farms, 1987	33 292	275	221	643	170	232	445
1982	38 512	335	321	573	231	331	586
$1,000, 1987	475 104	2 675	1 593	5 508	300	3 232	6 680
1982	539 236	2 381	2 037	5 352	574	4 829	7 888
Seeds, bulbs, plants, and trees .... farms, 1987	86 807	855	549	943	569	743	1 241
1982	98 770	946	581	985	630	781	1 407
$1,000, 1987	306 197	2 987	1 594	1 858	911	2 457	4 534
1982	313 092	2 530	1 628	2 135	872	2 569	4 790
Commercial fertilizer[1] .... farms, 1987	83 067	809	479	856	497	681	1 165
1982	86 632	740	489	828	572	674	1 250
$1,000, 1987	467 355	4 256	2 300	3 073	1 694	4 137	7 834
1982	562 767	4 478	2 674	3 425	1 603	4 981	9 467
Agricultural chemicals[1] .... farms, 1987	86 631	844	540	876	538	669	1 242
1982	87 700	798	512	835	502	673	1 304
$1,000, 1987	309 894	2 913	1 536	1 273	925	2 425	4 860
1982	331 924	2 918	1 684	1 546	981	3 235	6 138
Petroleum products .... farms, 1987	100 939	949	680	1 021	831	825	1 388
1982	114 816	1 065	738	1 134	893	905	1 585
$1,000, 1987	315 061	2 645	1 796	2 950	1 298	2 822	4 667
1982	536 937	4 850	3 078	5 279	1 956	5 214	8 021
Gasoline and gasohol .... farms, 1987	87 982	803	561	917	687	674	1 211
1982	106 773	1 034	693	1 059	798	832	1 497
$1,000, 1987	105 047	900	732	1 120	607	992	1 549
1982	186 835	2 104	1 256	1 978	888	1 631	2 800
Diesel fuel .... farms, 1987	73 400	621	481	793	519	580	996
1982	80 135	665	491	823	447	646	1 116
$1,000, 1987	136 878	1 172	741	1 192	453	1 181	2 056
1982	203 866	1 752	1 219	1 816	686	2 057	3 076
Natural gas .... farms, 1987	5 064	54	61	73	49	77	40
1982	3 284	11	27	40	14	24	34
$1,000, 1987	6 637	44	41	38	15	78	87
1982	6 182	23	18	37	35	35	33
LP gas, fuel oil, kerosene, motor oil, grease, etc. .... farms, 1987	86 862	830	552	924	606	703	1 254
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	66 500	528	282	800	222	571	975
1982	140 056	971	584	1 448	367	1 491	2 111
Electricity .... farms, 1987	90 255	877	586	973	664	773	1 298
1982	94 737	923	626	1 027	518	748	1 313
$1,000, 1987	126 591	962	660	1 850	351	1 201	1 932
1982	130 326	994	784	1 925	356	1 325	1 844
Hired farm labor .... farms, 1987	49 121	441	353	542	255	394	691
1982	47 873	350	239	506	235	362	743
$1,000, 1987	282 515	1 601	989	2 856	731	2 092	3 887
1982	222 146	1 286	1 150	1 951	447	2 176	2 988
Contract labor .... farms, 1987	8 076	81	64	125	42	51	128
1982	3 570	20	29	28	33	42	37
$1,000, 1987	21 032	284	94	315	118	299	398
1982	8 358	82	35	75	80	97	52
Repair and maintenance .... farms, 1987	91 920	874	596	973	707	777	1 269
$1,000, 1987	407 270	3 797	2 120	4 537	1 668	3 513	5 958
Customwork, machine hire, and rental of machinery and equipment[2] .... farms, 1987	57 354	526	386	651	332	422	751
1982	57 502	491	357	610	380	480	775
$1,000, 1987	133 395	1 091	801	949	399	1 004	2 071
1982	124 821	1 546	562	1 226	505	1 354	1 443
Interest paid[3] .... farms, 1987	67 262	590	441	746	404	561	954
1982	76 462	717	511	805	413	723	1 119
$1,000, 1987	579 338	6 069	2 437	6 087	1 830	4 943	9 398
1982	1 015 561	6 432	6 082	9 388	3 479	11 639	14 903
Interest paid on debt: Secured by real estate .... farms, 1987	44 371	403	312	492	324	375	664
$1,000, 1987	390 226	4 032	1 708	4 042	1 390	3 384	6 583
Not secured by real estate .... farms, 1987	41 208	358	271	465	192	380	575
$1,000, 1987	189 113	2 056	729	2 046	440	1 559	2 815
Cash rent .... farms, 1987	41 375	297	231	422	175	371	664
$1,000, 1987	492 800	2 934	1 022	3 184	745	4 748	9 561
Property taxes paid .... farms, 1987	87 431	866	574	916	847	697	1 145
$1,000, 1987	230 810	2 541	1 172	1 919	1 594	1 892	3 377
All other farm production expenses .... farms, 1987	101 919	938	680	1 035	846	822	1 339
$1,000, 1987	513 358	4 625	2 642	6 920	1 617	3 521	6 817

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Total farm production expenses	farms, 1987	1 271	1 029	1 140	1 331	1 097	1 294	992
	$1,000, 1987	76 037	64 349	59 231	83 259	99 632	83 277	65 428
Average per farm	dollars, 1987	59 825	62 536	51 957	62 553	90 822	64 356	65 956
Livestock and poultry purchased	farms, 1987	541	343	526	604	533	633	413
	1982	586	396	622	620	477	754	493
	$1,000, 1987	10 341	10 865	7 877	13 291	20 857	15 227	13 886
	1982	10 358	11 157	8 818	12 300	21 809	13 729	19 905
Feed for livestock and poultry	farms, 1987	709	382	750	806	645	837	465
	1982	796	573	862	908	619	1 084	703
	$1,000, 1987	13 156	7 238	9 488	12 900	25 414	15 536	10 332
	1982	10 874	8 966	10 292	13 104	20 708	13 647	13 999
Commercially mixed formula feeds	farms, 1987	420	200	477	481	286	447	256
	1982	387	234	572	546	336	591	346
	$1,000, 1987	6 749	2 676	4 767	4 695	15 466	6 337	3 953
	1982	4 781	4 503	5 727	6 222	11 359	7 201	5 012
Seeds, bulbs, plants, and trees	farms, 1987	1 095	900	917	1 169	948	1 095	880
	1982	1 175	1 010	1 136	1 287	1 114	1 246	1 037
	$1,000, 1987	3 674	3 789	3 187	4 175	3 755	3 766	3 555
	1982	4 317	3 550	3 097	4 038	4 151	3 995	3 272
Commercial fertilizer[1]	farms, 1987	975	889	872	1 116	931	1 014	859
	1982	1 017	851	1 035	1 163	961	1 107	884
	$1,000, 1987	5 384	5 306	4 774	7 153	5 397	5 959	5 255
	1982	7 108	5 940	5 370	8 807	7 144	6 418	5 376
Agricultural chemicals[1]	farms, 1987	1 004	873	865	1 156	993	1 064	862
	1982	1 038	900	929	1 136	1 067	1 154	957
	$1,000, 1987	3 977	3 913	3 172	4 405	3 546	4 249	3 544
	1982	4 326	3 725	3 109	4 723	4 418	4 415	3 623
Petroleum products	farms, 1987	1 233	978	1 094	1 294	1 026	1 233	954
	1982	1 340	1 153	1 278	1 390	1 165	1 466	1 164
	$1,000, 1987	3 523	3 160	3 028	4 187	3 611	3 682	3 080
	1982	6 064	4 746	5 180	7 271	6 556	6 508	5 112
Gasoline and gasohol	farms, 1987	1 117	864	986	1 098	907	1 069	893
	1982	1 276	1 013	1 209	1 308	1 131	1 379	1 082
	$1,000, 1987	1 025	993	1 008	1 135	1 110	1 194	1 011
	1982	1 700	1 546	1 652	2 205	2 258	2 168	1 816
Diesel fuel	farms, 1987	872	767	731	920	776	914	738
	1982	882	831	888	989	950	1 051	908
	$1,000, 1987	1 394	1 539	1 087	1 740	1 601	1 451	1 464
	1982	2 186	2 136	1 662	2 486	2 348	2 262	2 068
Natural gas	farms, 1987	71	84	52	92	52	47	57
	1982	96	75	18	51	51	60	42
	$1,000, 1987	162	168	48	100	(D)	72	48
	1982	326	114	96	69	104	133	55
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	1 071	837	943	1 058	921	1 055	845
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	942	460	887	1 212	(D)	965	558
	1982	1 872	950	1 810	2 531	1 846	1 944	1 173
Electricity	farms, 1987	1 111	860	1 027	1 101	932	1 129	840
	1982	1 102	949	1 097	1 005	994	1 205	913
	$1,000, 1987	1 466	995	1 281	1 679	1 580	1 525	(D)
	1982	1 400	1 009	1 401	1 294	1 534	1 772	1 105
Hired farm labor	farms, 1987	597	513	480	665	553	667	533
	1982	609	406	486	579	667	588	568
	$1,000, 1987	4 025	3 614	1 894	3 329	5 208	3 081	2 382
	1982	3 170	2 396	1 516	2 361	4 024	2 403	1 533
Contract labor	farms, 1987	134	71	58	99	75	89	105
	1982	15	41	9	21	34	33	27
	$1,000, 1987	433	198	118	337	341	166	(D)
	1982	45	34	45	13	65	60	117
Repair and maintenance	farms, 1987	1 051	922	1 047	1 177	972	1 164	832
	$1,000, 1987	4 787	3 916	4 057	4 988	5 434	4 813	4 105
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	799	520	600	689	611	755	572
	1982	752	574	658	654	652	713	553
	$1,000, 1987	1 843	1 140	1 548	1 473	1 664	2 176	1 143
	1982	1 740	1 306	1 209	1 377	2 064	1 425	1 288
Interest paid[3]	farms, 1987	739	684	791	911	772	851	665
	1982	836	772	885	910	839	943	831
	$1,000, 1987	6 579	5 662	6 207	8 254	6 875	6 938	6 062
	1982	11 153	10 487	9 642	12 488	12 121	11 941	11 337
Interest paid on debt: Secured by real estate	farms, 1987	502	391	567	547	428	556	454
	$1,000, 1987	4 331	4 045	4 581	6 088	4 384	4 449	4 180
Not secured by real estate	farms, 1987	452	416	465	582	529	587	409
	$1,000, 1987	2 247	1 617	1 626	2 165	2 491	2 489	1 882
Cash rent	farms, 1987	557	421	425	556	549	572	435
	$1,000, 1987	7 930	6 554	5 474	7 815	5 869	6 987	4 117
Property taxes paid	farms, 1987	1 056	792	980	1 115	854	1 102	790
	$1,000, 1987	2 884	2 235	2 535	3 425	2 150	2 707	1 918
All other farm production expenses	farms, 1987	1 214	1 009	1 095	1 299	1 075	1 253	976
	$1,000, 1987	6 037	5 763	4 589	5 848	7 729	6 467	4 571

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Total farm production expenses	farms, 1987	1 321	942	1 170	929	1 091	1 064	697
	$1,000, 1987	122 194	62 455	83 969	61 627	66 207	67 505	20 944
Average per farm	dollars, 1987	92 501	66 301	71 765	66 337	60 850	64 047	30 046
Livestock and poultry purchased	farms, 1987	660	473	513	344	516	493	280
	1982	840	551	663	439	692	504	379
	$1,000, 1987	42 663	16 310	16 900	4 641	26 445	13 196	2 412
	1982	62 641	17 506	15 706	6 059	35 394	10 605	3 063
Feed for livestock and poultry	farms, 1987	858	931	799	469	814	855	520
	1982	1 062	778	942	566	872	907	558
	$1,000, 1987	24 066	7 970	13 114	9 133	13 468	9 582	3 071
	1982	29 065	8 938	13 319	10 848	16 173	10 765	3 047
Commercially mixed formula feeds	farms, 1987	368	345	449	258	272	396	200
	1982	471	418	438	236	467	467	235
	$1,000, 1987	7 765	3 567	6 527	4 657	5 376	5 027	561
	1982	9 366	4 946	5 417	5 355	5 723	5 259	1 174
Seeds, bulbs, plants, and trees	farms, 1987	1 174	818	998	787	988	931	535
	1982	1 237	927	1 165	867	1 073	1 032	596
	$1,000, 1987	3 652	3 073	4 061	3 522	3 420	3 469	1 280
	1982	3 455	2 818	4 702	3 973	3 132	3 329	1 140
Commercial fertilizer[1]	farms, 1987	1 098	732	952	744	923	857	511
	1982	1 049	793	1 022	822	907	861	488
	$1,000, 1987	5 561	4 074	6 078	5 444	4 600	6 505	1 801
	1982	5 986	4 937	8 604	7 659	4 821	6 541	2 009
Agricultural chemicals[1]	farms, 1987	1 146	826	1 008	765	956	914	506
	1982	1 059	774	1 036	858	975	887	458
	$1,000, 1987	3 195	2 962	4 542	3 641	3 233	3 417	1 214
	1982	2 942	3 214	5 436	4 802	3 009	3 922	986
Petroleum products	farms, 1987	1 285	903	1 084	915	1 063	1 029	661
	1982	1 390	1 066	1 323	1 033	1 214	1 167	786
	$1,000, 1987	4 388	2 002	3 644	3 969	3 480	3 428	1 626
	1982	7 036	5 256	7 028	6 971	5 396	6 521	2 482
Gasoline and gasohol	farms, 1987	1 108	772	952	822	879	906	516
	1982	1 335	971	1 206	940	1 066	1 108	706
	$1,000, 1987	1 502	1 031	1 025	1 125	1 120	1 152	660
	1982	2 749	1 616	2 314	1 658	2 056	2 022	1 180
Diesel fuel	farms, 1987	1 017	670	879	723	875	722	418
	1982	1 001	774	945	788	960	819	439
	$1,000, 1987	2 016	1 278	1 550	1 660	1 670	1 302	654
	1982	2 750	2 185	2 551	2 455	2 180	1 945	890
Natural gas	farms, 1987	67	48	62	44	51	49	6
	1982	11	28	20	64	23	31	31
	$1,000, 1987	61	66	64	111	49	106	3
	1982	4	35	22	193	33	47	11
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	1 165	795	968	797	944	902	536
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	809	617	1 006	1 074	641	809	203
	1982	1 532	1 420	2 142	2 065	1 127	2 507	402
Electricity	farms, 1987	1 182	803	1 010	802	962	971	573
	1982	1 211	913	1 150	887	1 034	966	581
	$1,000, 1987	1 862	1 024	1 518	1 131	1 660	1 455	470
	1982	1 900	1 076	1 826	1 245	1 543	1 409	536
Hired farm labor	farms, 1987	687	381	429	451	531	485	250
	1982	646	349	511	463	584	479	206
	$1,000, 1987	4 439	2 175	2 683	2 835	2 986	2 593	517
	1982	3 094	1 777	3 080	2 274	2 170	1 957	586
Contract labor	farms, 1987	76	80	84	78	100	63	29
	1982	56	17	24	58	33	22	24
	$1,000, 1987	245	104	301	121	193	147	85
	1982	108	38	12	157	44	22	45
Repair and maintenance	farms, 1987	1 180	842	999	799	963	964	562
	$1,000, 1987	6 066	4 418	4 520	3 906	4 507	4 373	1 044
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	800	552	667	503	668	576	382
	1982	695	504	651	475	666	653	373
	$1,000, 1987	1 839	1 266	1 524	1 981	2 061	1 143	491
	1982	1 453	998	1 789	1 634	1 229	1 387	579
Interest paid[3]	farms, 1987	934	645	755	600	721	678	455
	1982	959	591	920	786	860	809	517
	$1,000, 1987	8 123	4 895	8 051	6 263	6 490	5 947	2 521
	1982	13 340	7 666	13 304	11 927	13 316	11 109	4 363
Interest paid on debt: Secured by real estate	farms, 1987	659	440	434	422	442	482	294
	$1,000, 1987	5 753	3 052	5 253	4 123	4 512	4 177	1 759
Not secured by real estate	farms, 1987	512	392	493	380	500	404	222
	$1,000, 1987	2 370	1 843	2 797	2 140	1 978	1 771	762
Cash rent	farms, 1987	520	416	568	470	546	523	214
	$1,000, 1987	6 141	4 341	6 005	7 696	6 336	5 124	1 047
Property taxes paid	farms, 1987	1 064	796	907	722	846	923	602
	$1,000, 1987	3 090	2 300	3 094	2 054	2 205	2 915	1 125
All other farm production expenses	farms, 1987	1 299	906	1 112	869	1 069	1 018	640
	$1,000, 1987	6 642	4 549	5 935	5 186	7 101	5 211	1 741

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total farm production expenses .... farms, 1987	877	1 706	1 438	1 339	1 081	921	715
$1,000, 1987	67 332	101 074	93 334	86 523	54 700	27 831	28 570
Average per farm .... dollars, 1987	76 776	59 246	64 906	64 617	50 602	30 219	39 957
Livestock and poultry purchased .... farms, 1987	386	779	636	771	348	390	328
1982	458	832	727	812	449	431	377
$1,000, 1987	16 812	13 262	19 651	21 803	7 272	3 811	6 112
1982	20 395	11 737	26 604	23 199	12 332	3 525	7 172
Feed for livestock and poultry .... farms, 1987	509	1 314	877	960	519	638	503
1982	603	1 433	1 045	1 145	646	800	628
$1,000, 1987	11 220	21 883	11 361	13 805	4 868	5 111	4 527
1982	12 967	20 539	14 632	15 009	5 175	5 795	4 086
Commercially mixed formula feeds .... farms, 1987	281	948	469	390	214	244	168
1982	353	1 009	585	508	301	271	221
$1,000, 1987	4 241	11 867	4 279	4 187	1 728	1 913	1 168
1982	6 416	11 792	8 345	4 754	2 160	2 258	1 367
Seeds, bulbs, plants, and trees .... farms, 1987	734	1 445	1 246	1 093	882	730	484
1982	929	1 488	1 385	1 308	1 048	770	535
$1,000, 1987	3 306	3 837	4 445	3 667	3 104	1 480	1 147
1982	3 599	4 031	4 804	3 235	3 580	1 515	1 128
Commercial fertilizer[1] .... farms, 1987	709	1 304	1 224	1 042	775	663	487
1982	833	1 351	1 287	1 139	809	682	519
$1,000, 1987	4 722	6 227	7 916	5 669	4 433	2 346	2 067
1982	5 968	7 404	11 001	6 387	5 648	2 663	2 710
Agricultural chemicals[1] .... farms, 1987	744	1 236	1 243	1 127	884	710	427
1982	863	1 288	1 335	1 142	930	625	488
$1,000, 1987	3 068	3 188	4 602	3 084	3 334	1 313	1 343
1982	4 058	3 350	5 377	3 072	3 744	1 848	1 408
Petroleum products .... farms, 1987	840	1 625	1 363	1 295	1 040	890	670
1982	1 045	1 725	1 558	1 511	1 196	946	769
$1,000, 1987	3 085	5 046	4 189	3 922	2 683	1 609	1 558
1982	5 728	8 164	7 781	6 164	4 809	2 803	2 831
Gasoline and gasohol .... farms, 1987	711	1 497	1 194	1 138	912	815	596
1982	1 016	1 657	1 405	1 377	1 124	918	747
$1,000, 1987	973	1 881	1 318	1 448	923	645	766
1982	1 954	2 943	2 573	2 268	1 709	1 157	1 314
Diesel fuel .... farms, 1987	646	1 244	1 025	988	764	548	357
1982	804	1 208	1 192	1 114	763	571	427
$1,000, 1987	1 501	1 955	1 821	1 823	1 196	713	529
1982	2 478	2 867	3 223	2 651	2 011	1 046	1 014
Natural gas .... farms, 1987	30	36	69	63	74	57	30
1982	17	29	20	58	19	-	23
$1,000, 1987	41	38	99	59	61	23	38
1982	49	56	74	71	70	-	16
LP gas, fuel oil, kerosene, motor oil, grease, etc. .... farms, 1987	766	1 407	1 237	1 123	729	702	511
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	570	1 172	951	591	503	229	224
1982	1 248	2 299	1 911	1 174	1 019	599	487
Electricity .... farms, 1987	809	1 516	1 264	1 180	795	698	548
1982	850	1 495	1 325	1 225	874	724	587
$1,000, 1987	1 099	3 194	1 824	1 670	981	697	494
1982	1 249	2 856	2 149	1 902	961	652	575
Hired farm labor .... farms, 1987	422	924	688	698	402	361	269
1982	565	791	773	704	487	248	237
$1,000, 1987	2 453	4 026	3 299	3 405	2 792	658	1 141
1982	2 390	3 082	3 680	2 119	2 051	743	1 076
Contract labor .... farms, 1987	62	90	130	131	130	81	27
1982	25	65	40	68	35	28	22
$1,000, 1987	93	140	129	346	284	193	105
1982	51	143	52	164	40	174	45
Repair and maintenance .... farms, 1987	794	1 527	1 272	1 201	851	778	603
$1,000, 1987	4 418	8 149	5 177	4 862	3 288	2 104	2 327
Customwork, machine hire, and rental of machinery and equipment[2] .... farms, 1987	520	952	838	870	513	417	385
1982	602	913	797	832	606	472	438
$1,000, 1987	1 253	2 344	2 251	1 706	1 270	414	544
1982	1 584	1 613	1 739	1 421	1 306	664	831
Interest paid[3] .... farms, 1987	612	1 219	923	920	636	625	373
1982	712	1 098	1 126	983	801	619	468
$1,000, 1987	5 397	10 397	8 357	7 931	6 078	3 025	2 291
1982	11 697	13 926	15 848	11 324	10 727	6 253	5 478
Interest paid on debt: Secured by real estate .... farms, 1987	373	886	564	664	446	533	225
$1,000, 1987	3 462	7 901	5 062	5 468	4 269	2 370	1 730
Not secured by real estate .... farms, 1987	408	666	627	562	341	283	200
$1,000, 1987	1 935	2 496	3 295	2 463	1 809	655	561
Cash rent .... farms, 1987	307	509	652	525	402	232	216
$1,000, 1987	3 903	5 067	9 696	6 463	5 907	817	1 215
Property taxes paid .... farms, 1987	717	1 494	1 115	1 109	898	872	627
$1,000, 1987	2 043	4 329	3 364	2 636	2 749	1 599	1 179
All other farm production expenses .... farms, 1987	860	1 637	1 397	1 320	1 018	889	681
$1,000, 1987	4 459	9 982	7 071	5 554	5 638	2 653	2 518

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Total farm production expenses	farms, 1987	1 452	752	593	1 690	609	1 510	985	1 012
	$1,000, 1987	123 128	32 754	45 481	113 830	38 847	100 483	58 137	80 138
Average per farm	dollars, 1987	84 799	43 555	76 696	67 360	63 788	66 545	59 023	79 188
Livestock and poultry purchased	farms, 1987	910	273	201	1 009	208	785	422	402
	1982	883	239	296	1 064	259	888	379	555
	$1,000, 1987	18 914	3 392	12 881	23 907	6 810	15 028	8 386	12 037
	1982	14 899	4 636	17 737	19 327	9 861	19 469	9 223	19 367
Feed for livestock and poultry	farms, 1987	1 202	342	326	1 431	247	1 044	538	540
	1982	1 244	527	406	1 479	330	1 252	624	734
	$1,000, 1987	32 473	3 775	6 767	26 778	4 133	17 457	7 875	14 201
	1982	24 700	5 229	11 763	22 902	4 433	19 256	6 443	16 145
Commercially mixed formula feeds	farms, 1987	827	173	186	979	114	712	240	329
	1982	878	236	265	922	142	711	306	349
	$1,000, 1987	15 530	2 110	2 440	13 758	1 333	8 338	3 327	7 621
	1982	12 995	1 879	5 357	9 861	1 661	9 629	3 323	9 502
Seeds, bulbs, plants, and trees	farms, 1987	1 268	653	534	1 429	576	1 335	831	862
	1982	1 288	867	604	1 482	652	1 461	968	1 044
	$1,000, 1987	4 025	2 078	1 983	3 090	2 329	4 399	3 368	3 968
	1982	4 127	2 321	2 260	3 240	2 624	4 797	3 413	4 604
Commercial fertilizer[1]	farms, 1987	1 209	617	485	1 295	539	1 253	771	827
	1982	1 159	594	525	1 322	596	1 343	876	949
	$1,000, 1987	7 362	3 198	2 693	5 505	3 458	7 480	4 613	6 043
	1982	8 925	3 612	3 863	5 911	4 215	9 150	5 994	7 154
Agricultural chemicals[1]	farms, 1987	1 221	650	519	1 349	542	1 252	839	861
	1982	1 106	587	536	1 316	628	1 258	847	946
	$1,000, 1987	3 559	2 281	2 114	2 142	2 237	4 353	3 301	4 562
	1982	3 568	2 693	2 063	2 248	2 555	4 650	3 983	5 078
Petroleum products	farms, 1987	1 395	726	557	1 658	594	1 434	934	987
	1982	1 477	802	640	1 691	714	1 638	1 096	1 168
	$1,000, 1987	5 993	1 700	2 016	5 202	2 286	4 893	3 252	3 889
	1982	8 867	3 414	3 636	7 061	4 253	8 935	6 067	6 633
Gasoline and gasohol	farms, 1987	1 227	613	501	1 534	490	1 248	870	875
	1982	1 392	752	608	1 612	668	1 573	1 052	1 093
	$1,000, 1987	1 946	497	770	2 227	686	1 590	991	1 082
	1982	2 914	1 196	1 272	3 161	1 244	2 897	1 916	2 144
Diesel fuel	farms, 1987	1 110	478	428	1 139	535	1 009	641	799
	1982	1 072	500	496	1 120	555	1 198	729	917
	$1,000, 1987	2 142	851	847	1 821	1 148	1 951	1 334	1 839
	1982	2 695	1 328	1 487	2 251	1 852	3 107	1 907	2 476
Natural gas	farms, 1987	53	31	11	96	31	66	58	83
	1982	48	11	25	51	26	16	54	36
	$1,000, 1987	146	12	16	85	23	93	103	80
	1982	104	160	32	53	66	53	127	52
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	1 264	576	488	1 431	536	1 298	822	918
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	1 760	340	384	1 089	411	1 259	824	888
	1982	2 954	729	845	1 596	1 091	2 877	2 117	1 960
Electricity	farms, 1987	1 313	588	541	1 557	507	1 370	873	932
	1982	1 294	611	512	1 559	602	1 435	970	1 026
	$1,000, 1987	3 154	576	709	3 011	699	2 341	1 133	1 361
	1982	2 780	814	694	2 677	653	2 369	1 250	1 615
Hired farm labor	farms, 1987	625	284	246	933	340	811	513	492
	1982	679	256	338	768	325	896	437	532
	$1,000, 1987	4 822	1 253	1 927	5 614	1 347	4 687	2 906	3 500
	1982	3 689	1 602	1 775	3 688	1 097	4 070	2 876	3 477
Contract labor	farms, 1987	94	49	63	126	63	107	107	44
	1982	47	22	22	53	14	49	47	52
	$1,000, 1987	338	75	160	326	174	226	210	180
	1982	210	82	32	96	55	52	66	68
Repair and maintenance	farms, 1987	1 282	634	504	1 577	548	1 338	924	888
	$1,000, 1987	8 249	2 339	2 394	6 723	2 544	7 222	3 882	4 525
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	947	398	346	1 055	271	924	506	588
	1982	758	367	303	904	315	899	515	583
	$1,000, 1987	1 844	1 039	610	2 037	702	2 332	1 186	2 353
	1982	1 701	552	731	1 535	701	2 236	1 246	1 494
Interest paid[3]	farms, 1987	985	353	371	1 011	433	1 011	692	731
	1982	1 057	454	407	1 010	536	1 118	719	885
	$1,000, 1987	11 335	2 993	3 520	9 481	3 246	10 604	5 543	7 100
	1982	16 993	5 176	6 953	12 751	7 683	16 338	9 942	15 262
Interest paid on debt:									
Secured by real estate	farms, 1987	700	219	207	628	201	670	459	451
	$1,000, 1987	8 005	2 465	1 677	6 426	1 658	7 541	3 643	4 725
Not secured by real estate	farms, 1987	577	199	279	636	334	618	472	484
	$1,000, 1987	3 331	528	1 843	3 055	1 588	3 063	1 900	2 374
Cash rent	farms, 1987	507	275	332	586	313	514	467	490
	$1,000, 1987	6 821	3 724	3 886	5 340	4 759	7 634	5 516	8 157
Property taxes paid	farms, 1987	1 155	613	452	1 406	435	1 300	818	801
	$1,000, 1987	3 831	1 794	1 021	3 322	1 140	3 893	2 216	2 304
All other farm production expenses	farms, 1987	1 417	706	568	1 659	594	1 501	949	994
	$1,000, 1987	10 409	2 536	2 821	11 361	3 002	7 954	4 750	5 957

See footnotes at end of table.

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Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total farm production expenses	farms, 1987	719	949	1 038	960	1 026	1 053	1 065	1 024
	$1,000, 1987	47 330	59 298	92 137	44 194	97 625	74 409	90 777	57 318
Average per farm	dollars, 1987	65 827	62 485	88 764	46 036	95 151	70 664	85 237	55 975
Livestock and poultry purchased	farms, 1987	187	245	411	438	361	465	447	376
	1982	264	445	510	550	459	536	564	375
	$1,000, 1987	10 594	7 600	21 499	7 284	17 559	12 061	16 089	9 680
	1982	16 147	12 486	18 707	12 400	19 583	12 023	24 405	8 605
Feed for livestock and poultry	farms, 1987	280	408	585	613	459	549	609	518
	1982	498	617	686	700	632	731	751	536
	$1,000, 1987	5 320	6 665	12 557	5 650	26 212	10 842	15 072	5 753
	1982	7 490	9 018	13 591	9 338	26 096	12 460	15 194	5 421
Commercially mixed formula feeds	farms, 1987	129	212	304	246	250	322	324	245
	1982	199	242	384	301	295	337	416	263
	$1,000, 1987	1 292	3 004	5 085	1 836	20 160	5 516	5 331	1 872
	1982	1 926	3 667	6 534	5 053	18 982	4 427	5 988	2 092
Seeds, bulbs, plants, and trees	farms, 1987	632	841	918	757	917	921	926	884
	1982	664	909	1 005	939	1 032	1 100	1 062	1 055
	$1,000, 1987	2 971	3 592	3 738	2 099	3 692	4 075	4 164	3 669
	1982	2 654	3 592	3 518	2 165	3 848	4 182	4 338	3 503
Commercial fertilizer[1]	farms, 1987	612	786	879	712	884	902	869	841
	1982	600	815	906	744	943	955	915	979
	$1,000, 1987	3 275	5 201	6 038	3 446	5 186	6 261	5 837	5 722
	1982	3 642	5 676	6 202	4 591	6 976	6 689	7 861	6 953
Agricultural chemicals[1]	farms, 1987	622	818	930	807	906	942	904	862
	1982	618	806	934	813	938	949	961	898
	$1,000, 1987	2 807	3 902	4 920	2 624	4 090	4 151	4 522	3 924
	1982	2 812	3 616	4 580	2 920	4 409	3 965	4 682	3 459
Petroleum products	farms, 1987	671	900	1 005	939	1 005	1 019	1 022	947
	1982	771	1 043	1 129	1 093	1 158	1 176	1 184	1 191
	$1,000, 1987	2 587	3 285	3 941	2 701	4 217	4 086	3 764	3 218
	1982	3 929	4 676	5 449	4 281	7 361	7 380	6 489	4 922
Gasoline and gasohol	farms, 1987	573	771	846	870	837	902	903	773
	1982	675	906	1 048	1 040	1 074	1 105	1 093	1 066
	$1,000, 1987	814	1 163	1 128	1 044	1 026	1 104	1 107	1 157
	1982	1 119	1 766	1 622	1 812	1 912	2 270	1 923	1 894
Diesel fuel	farms, 1987	515	726	831	629	801	889	771	706
	1982	621	763	814	601	917	947	903	859
	$1,000, 1987	1 277	1 601	1 679	1 037	1 777	1 939	1 697	1 630
	1982	2 107	2 025	2 021	1 440	2 570	2 736	2 388	2 294
Natural gas	farms, 1987	22	60	76	45	54	79	93	36
	1982	27	3	21	14	28	77	12	34
	$1,000, 1987	23	51	99	130	75	93	65	54
	1982	9	26	46	23	41	136	17	31
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	564	794	919	777	908	949	881	798
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	474	469	1 035	490	1 339	930	875	376
	1982	693	859	1 761	1 006	2 838	2 238	2 161	703
Electricity	farms, 1987	588	854	892	787	902	954	905	876
	1982	580	860	915	786	864	1 020	1 023	995
	$1,000, 1987	831	1 079	1 364	961	1 650	1 361	1 511	1 336
	1982	736	1 070	1 318	929	1 575	1 470	1 474	1 502
Hired farm labor	farms, 1987	345	519	546	350	512	616	605	481
	1982	372	465	592	332	554	505	528	532
	$1,000, 1987	2 916	3 225	3 822	1 390	5 187	3 235	3 824	2 542
	1982	2 227	2 313	3 425	1 728	3 853	1 980	3 998	2 601
Contract labor	farms, 1987	111	97	92	90	80	53	55	132
	1982	23	29	47	9	39	28	43	48
	$1,000, 1987	379	191	331	187	667	130	213	248
	1982	61	40	58	6	336	65	57	127
Repair and maintenance	farms, 1987	609	889	908	765	899	920	954	858
	$1,000, 1987	3 063	4 499	4 772	3 570	4 807	4 471	5 475	3 698
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	424	581	662	496	551	600	626	595
	1982	414	514	674	507	576	584	627	585
	$1,000, 1987	1 125	1 938	2 319	1 214	1 066	1 587	1 879	1 350
	1982	867	1 415	1 666	844	1 611	1 206	2 251	1 100
Interest paid[3]	farms, 1987	384	614	774	598	729	789	700	679
	1982	534	733	818	677	785	777	836	832
	$1,000, 1987	3 583	5 513	8 807	4 497	7 521	7 060	7 286	6 471
	1982	7 455	12 616	12 700	7 798	14 940	12 497	14 661	6 781
Interest paid on debt: Secured by real estate	farms, 1987	238	351	488	381	455	477	445	486
	$1,000, 1987	2 117	3 650	5 665	2 822	5 625	4 649	4 593	4 717
Not secured by real estate	farms, 1987	229	376	517	384	512	498	429	415
	$1,000, 1987	1 466	1 963	3 141	1 675	1 595	2 411	2 694	1 754
Cash rent	farms, 1987	137	378	556	318	478	570	559	287
	$1,000, 1987	1 815	4 824	9 535	2 632	6 347	7 240	9 095	2 899
Property taxes paid	farms, 1987	630	725	779	809	803	858	832	845
	$1,000, 1987	1 869	2 326	2 158	1 631	2 646	2 211	2 583	2 136
All other farm production expenses	farms, 1987	689	929	1 027	938	1 012	1 045	1 038	963
	$1,000, 1987	4 195	5 368	6 335	4 109	6 778	5 651	7 461	4 671

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Total farm production expenses	farms, 1987	894	938	754	787	1 057	1 354	1 465	774
	$1,000, 1987	44 966	52 352	52 755	61 684	70 646	74 148	84 547	33 075
Average per farm	dollars, 1987	50 299	55 812	69 966	78 379	66 836	54 762	57 711	42 732
Livestock and poultry purchased	farms, 1987	352	423	237	419	544	790	607	262
	1982	420	476	330	510	545	812	761	368
	$1,000, 1987	5 424	6 624	11 122	17 962	13 498	18 867	14 674	3 995
	1982	7 624	7 252	12 255	22 837	18 679	17 202	19 253	6 762
Feed for livestock and poultry	farms, 1987	532	615	317	514	787	1 126	910	489
	1982	618	763	417	598	979	1 195	1 133	536
	$1,000, 1987	9 086	8 472	6 247	7 996	11 543	13 035	15 054	4 168
	1982	12 939	7 781	7 548	10 282	15 469	10 870	16 167	5 936
Commercially mixed formula feeds	farms, 1987	198	360	134	229	398	597	417	265
	1982	283	404	194	282	461	627	472	222
	$1,000, 1987	5 272	4 178	1 551	2 875	4 932	5 836	4 734	1 426
	1982	7 573	3 747	3 550	3 761	6 286	4 462	7 014	2 513
Seeds, bulbs, plants, and trees	farms, 1987	728	811	698	681	927	1 049	1 183	616
	1982	765	908	793	762	928	1 199	1 286	724
	$1,000, 1987	2 124	2 659	3 051	2 652	3 191	2 289	4 248	1 923
	1982	2 541	2 890	3 156	2 446	3 120	2 845	4 472	2 116
Commercial fertilizer[1]	farms, 1987	719	761	677	647	841	1 057	1 069	566
	1982	732	830	698	704	882	1 066	1 103	634
	$1,000, 1987	3 579	4 323	4 191	3 940	5 150	4 290	6 246	3 772
	1982	4 945	4 613	5 689	4 309	6 566	5 936	7 710	4 467
Agricultural chemicals[1]	farms, 1987	736	751	683	659	912	1 032	1 162	635
	1982	733	783	725	687	835	1 066	1 169	637
	$1,000, 1987	2 588	3 147	3 074	2 674	3 308	1 861	4 369	1 958
	1982	2 644	2 538	3 212	2 369	3 395	2 374	4 390	2 124
Petroleum products	farms, 1987	863	911	735	757	1 011	1 256	1 397	754
	1982	946	1 050	848	874	1 150	1 415	1 575	885
	$1,000, 1987	2 164	2 938	2 479	2 344	3 145	3 342	3 996	2 195
	1982	3 951	5 545	4 642	4 267	5 553	5 511	6 839	3 388
Gasoline and gasohol	farms, 1987	709	843	579	578	840	1 189	1 244	662
	1982	853	1 009	790	781	1 051	1 336	1 498	775
	$1,000, 1987	698	1 118	664	747	1 047	1 481	1 351	812
	1982	1 202	2 022	1 397	1 613	2 002	2 594	2 560	1 126
Diesel fuel	farms, 1987	581	636	603	588	798	771	970	552
	1982	577	697	664	633	833	876	1 028	570
	$1,000, 1987	913	1 094	1 294	1 229	1 404	1 191	1 709	901
	1982	1 542	1 704	2 034	1 727	2 047	1 723	2 673	1 438
Natural gas	farms, 1987	38	27	42	31	60	31	37	18
	1982	11	7	21	18	9	45	26	26
	$1,000, 1987	59	65	32	16	66	41	66	10
	1982	23	11	21	6	45	73	24	40
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	729	808	675	676	872	1 031	1 185	662
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	493	661	488	352	629	630	870	472
	1982	1 184	1 808	1 191	920	1 458	1 121	1 582	784
Electricity	farms, 1987	741	860	607	700	925	1 174	1 219	682
	1982	769	913	774	753	1 001	1 283	1 307	684
	$1,000, 1987	747	1 181	772	1 059	1 250	1 656	1 761	679
	1982	841	1 210	1 051	1 166	1 319	1 593	1 636	750
Hired farm labor	farms, 1987	389	439	381	514	464	560	724	315
	1982	293	423	345	490	378	678	639	322
	$1,000, 1987	2 080	2 250	2 407	2 385	3 440	2 833	3 718	1 331
	1982	1 330	1 798	1 607	1 455	2 157	2 430	3 365	1 186
Contract labor	farms, 1987	59	49	81	47	68	94	115	28
	1982	29	34	38	42	3	15	40	32
	$1,000, 1987	89	56	171	102	139	88	231	75
	1982	(D)	42	128	100	(D)	35	98	68
Repair and maintenance	farms, 1987	791	832	653	715	942	1 190	1 217	679
	$1,000, 1987	2 828	3 471	3 218	3 278	4 589	4 950	5 251	2 423
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	405	446	345	447	620	773	709	348
	1982	376	560	377	520	549	757	793	394
	$1,000, 1987	917	1 477	942	1 409	1 282	1 417	1 773	825
	1982	706	1 041	704	1 112	1 521	1 334	1 729	566
Interest paid[3]	farms, 1987	572	694	480	572	728	871	888	449
	1982	676	712	583	523	803	966	1 090	554
	$1,000, 1987	4 666	5 444	4 679	4 793	6 545	6 763	6 957	2 995
	1982	8 449	7 809	9 671	7 207	10 613	11 523	14 387	8 193
Interest paid on debt: Secured by real estate	farms, 1987	378	516	283	355	546	692	600	314
	$1,000, 1987	3 128	3 817	2 721	2 852	4 745	4 681	4 847	1 965
Not secured by real estate	farms, 1987	359	406	312	395	392	400	485	233
	$1,000, 1987	1 538	1 627	1 958	1 940	1 800	2 082	2 110	1 031
Cash rent	farms, 1987	290	324	363	396	416	479	562	203
	$1,000, 1987	2 926	3 291	4 400	5 556	4 731	4 285	6 541	1 930
Property taxes paid	farms, 1987	769	823	558	629	930	1 215	1 167	681
	$1,000, 1987	2 370	2 385	1 561	1 502	3 097	2 620	3 617	1 850
All other farm production expenses	farms, 1987	859	916	738	772	1 051	1 313	1 396	720
	$1,000, 1987	3 379	4 632	4 343	4 033	5 737	5 851	6 111	2 952

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Total farm production expenses	farms, 1987	1 356	1 161	1 036	1 717	989	1 688	635	691
	$1,000, 1987	73 709	93 079	62 938	123 769	44 558	77 724	33 606	19 456
Average per farm	dollars, 1987	54 357	80 171	60 751	72 084	45 053	46 045	53 238	28 156
Livestock and poultry purchased	farms, 1987	601	649	418	657	340	626	227	238
	1982	713	718	518	828	456	755	260	354
	$1,000, 1987	11 232	24 464	7 785	18 591	7 694	12 303	3 058	1 823
	1982	10 886	16 456	9 665	25 219	8 546	10 442	3 607	3 727
Feed for livestock and poultry	farms, 1987	844	848	699	841	575	951	306	413
	1982	1 054	1 073	886	1 033	686	1 076	423	550
	$1,000, 1987	17 648	16 609	10 690	17 404	7 721	9 671	3 957	3 339
	1982	17 650	13 756	15 517	22 413	9 225	8 602	5 095	4 245
Commercially mixed formula feeds	farms, 1987	521	481	261	410	288	495	136	196
	1982	596	580	407	533	350	586	226	212
	$1,000, 1987	10 510	6 767	4 269	6 738	2 986	3 476	1 479	920
	1982	10 152	7 465	6 859	10 460	4 334	4 661	2 031	1 597
Seeds, bulbs, plants, and trees	farms, 1987	1 104	1 002	859	1 596	850	1 421	572	504
	1982	1 304	1 111	1 025	1 738	894	1 573	624	583
	$1,000, 1987	3 158	3 474	3 278	6 717	2 209	4 254	2 194	1 033
	1982	3 293	3 393	3 097	6 985	2 051	4 173	2 439	939
Commercial fertilizer[1]	farms, 1987	1 006	928	825	1 547	787	1 243	563	478
	1982	1 105	1 026	837	1 518	811	1 350	586	431
	$1,000, 1987	5 091	5 934	6 144	10 184	3 855	5 911	3 456	1 692
	1982	6 670	8 135	6 553	11 094	4 378	7 961	4 577	1 769
Agricultural chemicals[1]	farms, 1987	1 059	923	852	1 600	826	1 342	582	501
	1982	1 062	1 026	909	1 545	794	1 357	616	446
	$1,000, 1987	3 500	3 279	3 967	6 507	2 417	3 751	2 443	838
	1982	3 739	3 880	3 799	6 911	2 453	4 781	2 549	1 023
Petroleum products	farms, 1987	1 295	1 126	996	1 665	955	1 617	617	641
	1982	1 493	1 307	1 193	1 885	1 060	1 788	699	769
	$1,000, 1987	3 496	3 814	3 774	7 143	2 207	3 971	2 016	1 200
	1982	5 723	6 150	5 831	12 529	4 015	6 417	3 412	2 132
Gasoline and gasohol	farms, 1987	1 111	995	791	1 417	840	1 474	512	570
	1982	1 359	1 240	1 018	1 804	1 025	1 669	638	722
	$1,000, 1987	1 110	1 451	1 022	2 144	854	1 442	597	521
	1982	2 145	2 429	1 864	4 229	1 591	2 374	1 038	1 011
Diesel fuel	farms, 1987	925	719	746	1 472	644	1 068	463	324
	1982	994	850	890	1 578	678	988	559	400
	$1,000, 1987	1 476	1 356	1 712	3 322	929	1 558	903	464
	1982	2 052	2 028	2 276	4 858	1 333	2 174	1 399	755
Natural gas	farms, 1987	51	63	54	127	33	79	24	15
	1982	41	35	27	36	39	58	23	3
	$1,000, 1987	52	48	95	180	37	64	34	17
	1982	42	47	48	59	59	143	21	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	1 108	954	860	1 571	740	1 379	543	500
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	857	959	945	1 498	387	907	483	197
	1982	1 484	1 646	1 643	3 382	1 032	1 728	955	(D)
Electricity	farms, 1987	1 175	1 032	866	1 520	851	1 401	555	558
	1982	1 155	1 129	1 000	1 693	855	1 443	523	543
	$1,000, 1987	1 363	1 535	1 160	2 280	873	1 601	555	378
	1982	1 258	1 470	1 280	2 495	734	1 524	638	500
Hired farm labor	farms, 1987	557	497	439	1 006	309	674	230	244
	1982	524	524	405	861	339	651	264	210
	$1,000, 1987	3 196	3 182	2 661	5 156	1 689	4 045	1 757	653
	1982	2 390	2 424	1 587	3 952	1 497	2 609	1 131	332
Contract labor	farms, 1987	93	95	51	120	78	131	36	32
	1982	67	42	25	80	31	65	14	10
	$1,000, 1987	200	182	147	255	89	350	108	22
	1982	466	87	109	121	86	157	96	21
Repair and maintenance	farms, 1987	1 162	989	904	1 541	872	1 432	553	563
	$1,000, 1987	4 530	5 101	4 271	8 157	2 951	5 060	2 354	1 626
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	735	719	562	943	410	914	279	354
	1982	754	775	472	819	493	853	363	320
	$1,000, 1987	1 557	1 852	1 018	2 255	675	2 072	840	596
	1982	1 355	1 597	880	1 873	812	1 863	879	509
Interest paid[3]	farms, 1987	777	717	638	1 134	533	901	396	373
	1982	974	893	777	1 354	572	1 015	490	413
	$1,000, 1987	6 201	8 121	5 762	11 924	4 238	8 121	4 005	2 055
	1982	9 749	12 404	11 334	20 739	5 817	10 875	6 348	4 127
Interest paid on debt: Secured by real estate	farms, 1987	496	414	467	727	413	714	243	251
	$1,000, 1987	4 027	4 901	4 000	8 675	3 103	5 870	2 955	1 475
Not secured by real estate	farms, 1987	483	453	335	720	275	432	259	215
	$1,000, 1987	2 174	3 220	1 762	3 250	1 135	2 251	1 051	580
Cash rent	farms, 1987	423	521	380	991	248	604	258	179
	$1,000, 1987	4 264	6 524	4 614	13 687	2 245	6 851	2 755	1 186
Property taxes paid	farms, 1987	1 198	945	901	1 328	940	1 427	505	584
	$1,000, 1987	3 204	2 799	2 821	3 648	2 330	3 963	1 651	1 096
All other farm production expenses	farms, 1987	1 282	1 100	1 014	1 677	929	1 602	617	645
	$1,000, 1987	5 070	6 209	4 845	9 859	3 365	5 801	2 657	1 917

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Total farm production expenses farms, 1987	1 234	1 059	1 193	1 131	1 072	641	939	853
$1,000, 1987	99 059	44 124	80 835	45 506	67 296	37 000	72 394	55 454
Average per farm dollars, 1987	80 275	41 666	67 758	40 235	62 776	57 722	77 097	65 011
Livestock and poultry purchased farms, 1987	767	455	603	417	438	206	512	311
1982	834	489	679	573	483	313	501	385
$1,000, 1987	33 013	4 660	18 528	5 734	11 583	8 069	14 561	12 163
1982	35 397	8 031	18 276	7 598	10 605	11 749	14 092	14 438
Feed for livestock and poultry farms, 1987	872	696	836	663	589	279	642	399
1982	1 032	830	955	780	746	428	669	522
$1,000, 1987	18 788	9 621	15 660	7 637	8 450	4 481	14 608	4 751
1982	20 660	7 051	19 733	10 742	10 917	5 763	13 583	6 670
Commercially mixed formula feeds farms, 1987	497	377	443	396	272	134	417	169
1982	596	368	464	344	360	176	408	262
$1,000, 1987	8 935	6 983	7 097	3 850	2 831	2 669	7 802	1 546
1982	9 300	3 625	8 064	5 087	4 615	2 164	7 402	3 070
Seeds, bulbs, plants, and trees farms, 1987	1 106	752	1 053	935	848	593	737	770
1982	1 254	848	1 087	954	996	569	908	774
$1,000, 1987	3 507	1 874	3 287	2 640	3 727	2 192	3 003	3 572
1982	3 369	1 917	3 164	2 373	3 450	2 065	3 394	3 193
Commercial fertilizer[1] farms, 1987	1 017	674	1 023	840	781	551	663	744
1982	1 061	698	883	761	897	524	792	761
$1,000, 1987	4 807	2 638	4 882	3 135	4 790	3 246	4 236	5 768
1982	4 939	3 071	5 054	3 370	6 244	4 294	4 826	6 652
Agricultural chemicals[1] farms, 1987	1 072	725	974	641	873	608	715	743
1982	1 034	771	991	812	906	531	829	730
$1,000, 1987	2 947	2 001	3 592	2 361	3 915	2 161	3 243	3 656
1982	2 991	2 235	3 035	2 242	4 301	2 813	3 424	3 551
Petroleum products farms, 1987	1 192	1 020	1 136	1 075	1 029	607	880	830
1982	1 368	1 133	1 265	1 205	1 189	666	1 004	926
$1,000, 1987	3 751	2 017	3 469	2 428	3 428	1 856	3 354	3 124
1982	5 783	3 746	5 699	4 122	5 743	3 491	5 423	4 638
Gasoline and gasohol farms, 1987	1 077	865	961	983	945	517	782	740
1982	1 287	1 085	1 178	1 112	1 092	578	934	885
$1,000, 1987	1 251	704	1 049	750	1 165	621	1 068	1 069
1982	2 258	1 618	1 957	1 826	1 902	1 049	1 836	1 714
Diesel fuel farms, 1987	1 054	614	899	647	796	453	612	607
1982	1 101	589	903	694	733	461	718	680
$1,000, 1987	1 727	884	1 550	1 084	1 444	935	1 300	1 659
1982	2 252	1 202	2 116	1 392	1 985	1 719	1 682	2 216
Natural gas farms, 1987	64	51	35	60	49	24	46	26
1982	55	43	21	26	24	27	8	30
$1,000, 1987	65	29	106	93	68	13	59	11
1982	68	29	88	80	92	28	3	63
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms, 1987	1 114	717	986	893	876	551	795	724
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	708	399	764	501	751	266	927	386
1982	1 205	897	1 539	823	1 764	696	1 901	645
Electricity farms, 1987	1 074	907	1 004	930	919	499	833	686
1982	1 172	857	1 056	300	999	540	816	739
$1,000, 1987	1 597	922	1 858	1 168	1 474	698	1 314	986
1982	1 480	714	1 790	1 083	1 326	(D)	1 226	1 077
Hired farm labor farms, 1987	599	412	496	566	524	260	427	435
1982	746	390	479	475	551	240	474	330
$1,000, 1987	3 008	2 900	3 941	2 949	4 109	1 629	2 864	2 202
1982	2 421	1 163	2 822	1 770	3 182	1 096	1 617	1 535
Contract labor farms, 1987	100	81	93	60	68	32	59	141
1982	18	35	40	59	20	44	37	89
$1,000, 1987	176	496	265	153	124	121	128	315
1982	24	34	97	98	185	92	71	135
Repair and maintenance farms, 1987	1 038	990	1 041	974	938	508	850	723
$1,000, 1987	4 580	3 366	4 669	3 108	4 297	2 436	4 161	3 483
Customwork, machine hire, and rental of machinery and equipment[2] farms, 1987	782	503	616	600	609	376	555	527
1982	732	556	613	522	606	327	512	455
$1,000, 1987	1 216	690	1 366	1 110	1 428	1 244	1 655	1 416
1982	1 981	748	1 359	789	1 741	1 250	1 219	1 172
Interest paid[3] farms, 1987	845	704	763	702	678	413	617	497
1982	975	762	796	688	765	497	711	622
$1,000, 1987	6 956	3 558	7 013	4 343	5 667	2 959	6 606	3 968
1982	10 794	6 919	10 804	5 601	10 590	5 278	9 385	8 840
Interest paid on debt:								
Secured by real estate farms, 1987	522	411	516	501	385	258	469	325
$1,000, 1987	4 114	2 587	4 401	2 864	3 616	1 891	4 756	2 387
Not secured by real estate farms, 1987	615	420	445	456	455	259	417	315
$1,000, 1987	2 842	971	2 611	1 479	2 050	1 069	1 848	1 581
Cash rent farms, 1987	646	314	389	328	382	176	356	267
$1,000, 1987	6 182	2 435	4 200	2 697	6 596	1 824	5 554	3 927
Property taxes paid farms, 1987	923	935	1 019	957	899	543	840	726
$1,000, 1987	1 856	2 000	2 774	2 153	2 593	1 512	2 274	1 984
All other farm production expenses farms, 1987	1 233	1 030	1 159	1 052	1 047	606	888	822
$1,000, 1987	6 675	4 928	5 333	3 889	5 117	2 571	4 833	4 140

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Total farm production expenses	farms, 1987	736	701	900	1 233	731	1 014	934	1 740
	$1,000, 1987	24 993	39 898	45 873	114 485	52 776	52 150	64 467	134 679
Average per farm	dollars, 1987	33 958	56 916	50 970	92 850	72 197	51 430	69 022	77 402
Livestock and poultry purchased	farms, 1987	254	323	360	542	326	423	401	1 044
	1982	367	354	452	671	388	508	371	1 078
	$1,000, 1987	4 555	8 825	5 730	35 703	12 450	9 214	12 055	42 134
	1982	6 722	10 581	8 563	41 014	18 420	13 044	13 097	41 027
Feed for livestock and poultry	farms, 1987	506	507	506	689	418	643	472	1 271
	1982	521	511	653	866	522	749	536	1 437
	$1,000, 1987	3 782	5 121	6 003	21 665	9 134	5 991	8 905	25 414
	1982	4 921	5 182	8 002	25 156	12 046	7 624	10 025	28 340
Commercially mixed formula feeds	farms, 1987	212	235	265	324	167	282	220	648
	1982	183	286	325	443	272	377	272	667
	$1,000, 1987	1 497	2 294	2 357	7 121	3 194	2 174	2 268	8 580
	1982	2 649	2 232	3 423	6 633	4 254	3 029	4 584	9 041
Seeds, bulbs, plants, and trees	farms, 1987	566	559	752	1 138	645	894	883	1 426
	1982	545	604	882	1 178	737	870	912	1 640
	$1,000, 1987	1 107	2 307	2 399	4 297	2 375	4 483	3 590	4 810
	1982	771	2 121	2 547	3 755	3 031	2 519	3 956	5 009
Commercial fertilizer[1]	farms, 1987	488	572	671	1 016	639	809	845	1 385
	1982	414	514	786	1 039	673	750	805	1 418
	$1,000, 1987	1 899	3 455	4 109	6 726	3 300	3 459	5 608	7 086
	1982	1 537	3 253	5 486	6 142	4 302	3 659	6 310	6 608
Agricultural chemicals[1]	farms, 1987	545	569	714	1 084	664	880	860	1 456
	1982	432	532	797	1 095	628	729	773	1 441
	$1,000, 1987	1 042	2 232	2 716	3 739	2 251	2 524	3 529	4 484
	1982	765	2 518	3 000	3 761	2 596	2 354	3 650	4 630
Petroleum products	farms, 1987	727	679	888	1 210	706	954	914	1 655
	1982	761	769	995	1 337	833	1 041	1 015	1 874
	$1,000, 1987	1 481	2 334	2 478	4 260	2 454	2 361	3 409	4 976
	1982	1 758	3 816	4 528	5 791	5 093	4 076	6 018	9 116
Gasoline and gasohol	farms, 1987	594	552	769	1 039	617	829	805	1 483
	1982	723	671	920	1 262	777	964	949	1 759
	$1,000, 1987	704	728	780	1 382	806	935	1 118	1 915
	1982	750	1 318	1 584	1 990	1 661	1 453	1 759	3 516
Diesel fuel	farms, 1987	481	468	570	977	555	686	762	1 195
	1982	400	519	679	1 027	653	790	809	1 372
	$1,000, 1987	538	990	990	1 991	1 127	1 095	1 624	2 063
	1982	694	1 436	1 668	2 273	2 103	1 960	2 643	3 488
Natural gas	farms, 1987	9	73	63	35	24	19	66	103
	1982	45	30	56	50	18	6	35	42
	$1,000, 1987	(D)	203	65	40	40	28	80	69
	1982	24	170	57	104	46	2	74	49
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	570	612	738	1 009	628	844	820	1 454
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	(D)	414	643	848	481	303	588	930
	1982	290	893	1 218	1 424	1 282	661	1 542	2 083
Electricity	farms, 1987	586	613	756	1 063	624	884	835	1 513
	1982	554	622	809	1 087	696	891	866	1 551
	$1,000, 1987	412	829	922	1 923	907	949	1 168	2 429
	1982	410	759	1 031	1 613	983	1 047	1 205	2 589
Hired farm labor	farms, 1987	278	241	291	638	347	465	531	871
	1982	201	260	362	666	325	326	569	901
	$1,000, 1987	810	1 946	2 326	3 489	1 731	4 783	2 630	3 807
	1982	484	1 378	2 394	2 819	1 235	3 997	2 521	3 057
Contract labor	farms, 1987	18	44	32	67	35	52	108	183
	1982	4	5	24	15	39	11	29	84
	$1,000, 1987	33	109	48	496	104	105	219	398
	1982	(D)	19	52	13	54	8	153	127
Repair and maintenance	farms, 1987	616	631	752	1 028	650	899	886	1 515
	$1,000, 1987	1 574	2 748	2 891	5 068	3 163	3 038	4 234	7 187
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	303	426	405	756	395	640	474	1 014
	1982	371	400	469	739	356	538	447	1 068
	$1,000, 1987	557	991	1 044	1 581	1 104	1 550	1 517	2 389
	1982	483	905	867	1 470	856	1 130	1 219	2 533
Interest paid[3]	farms, 1987	401	435	567	843	468	639	653	1 155
	1982	440	479	578	942	626	681	726	1 280
	$1,000, 1987	2 632	2 808	5 238	8 397	3 895	4 392	6 023	8 381
	1982	4 254	6 763	7 622	13 569	10 959	8 473	10 769	16 368
Interest paid on debt: Secured by real estate	farms, 1987	295	242	394	582	277	405	407	783
	$1,000, 1987	1 841	1 862	3 410	5 685	2 485	2 383	4 334	5 552
Not secured by real estate	farms, 1987	203	287	328	512	350	369	389	697
	$1,000, 1987	792	946	1 827	2 712	1 410	2 009	1 689	2 829
Cash rent	farms, 1987	174	210	400	673	395	332	420	928
	$1,000, 1987	1 556	1 941	4 072	7 484	5 016	2 433	4 752	9 363
Property taxes paid	farms, 1987	686	574	724	1 014	582	888	749	1 439
	$1,000, 1987	1 338	1 429	2 155	2 282	1 237	2 194	2 327	2 970
All other farm production expenses	farms, 1987	712	685	872	1 203	726	981	929	1 701
	$1,000, 1987	2 236	2 823	3 743	7 373	3 654	4 675	4 499	8 873

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
otal farm production expenses	farms, 1987	987	1 001	1 651	1 047	701	1 035	973	1 177
	$1,000, 1987	67 692	38 065	109 389	57 113	28 010	97 631	65 076	79 578
Average per farm	dollars, 1987	68 584	38 027	66 256	54 549	39 957	94 329	66 881	67 611
Livestock and poultry purchased	farms, 1987	368	299	772	480	320	480	410	547
	1982	420	368	864	575	350	563	487	672
	$1,000, 1987	12 261	2 955	27 917	8 471	4 186	28 172	12 317	19 464
	1982	15 467	4 626	47 497	10 562	6 223	33 949	12 641	24 235
Feed for livestock and poultry	farms, 1987	503	360	1 018	679	527	652	588	829
	1982	513	592	1 226	817	588	809	743	1 006
	$1,000, 1987	11 068	2 614	11 255	8 142	4 383	16 520	9 236	12 935
	1982	9 632	4 025	18 174	10 011	5 170	22 309	13 197	14 460
Commercially mixed formula feeds	farms, 1987	271	139	396	276	162	331	379	366
	1982	245	280	571	425	215	406	402	333
	$1,000, 1987	3 950	1 181	3 767	3 553	1 596	6 043	4 087	4 488
	1982	4 160	1 930	5 741	5 174	1 597	8 967	7 234	4 964
Seeds, bulbs, plants, and trees	farms, 1987	924	757	1 349	884	541	880	794	1 028
	1982	1 025	825	1 549	989	644	1 023	962	1 169
	$1,000, 1987	3 738	2 961	5 476	3 072	1 319	3 486	3 267	3 363
	1982	4 353	2 694	5 262	2 989	1 345	4 057	3 496	3 453
Commercial fertilizer[1]	farms, 1987	862	687	1 247	810	515	817	723	989
	1982	921	732	1 340	897	569	867	858	1 048
	$1,000, 1987	5 255	4 227	7 931	4 813	2 169	5 015	4 645	5 904
	1982	6 236	3 998	10 219	5 724	3 128	6 889	7 412	6 182
Agricultural chemicals[1]	farms, 1987	872	726	1 318	900	515	836	816	1 021
	1982	953	761	1 326	888	604	915	641	998
	$1,000, 1987	3 481	2 564	6 264	3 040	1 420	3 495	3 301	3 345
	1982	4 105	2 733	6 139	2 919	1 669	4 044	4 190	2 936
Petroleum products	farms, 1987	965	945	1 583	1 020	682	986	929	1 112
	1982	1 105	1 098	1 828	1 152	776	1 132	1 097	1 317
	$1,000, 1987	3 319	2 202	5 497	3 087	1 707	3 681	3 319	3 703
	1982	6 147	3 406	9 275	5 302	3 243	6 907	5 143	5 909
Gasoline and gasohol	farms, 1987	815	759	1 345	892	555	813	815	1 033
	1982	994	993	1 692	1 064	738	1 050	1 014	1 204
	$1,000, 1987	1 007	605	1 679	1 056	609	1 227	1 059	1 326
	1982	1 899	1 061	2 936	2 044	1 287	2 502	1 577	2 061
Diesel fuel	farms, 1987	806	566	1 175	748	440	739	696	830
	1982	959	536	1 255	806	490	805	795	1 031
	$1,000, 1987	1 557	1 114	2 665	1 344	785	1 731	1 278	1 571
	1982	2 640	1 349	4 045	1 896	1 251	2 871	1 979	2 341
Natural gas	farms, 1987	98	43	76	51	11	49	33	85
	1982	33	30	57	38	5	13	46	39
	$1,000, 1987	96	49	229	58	19	47	90	146
	1982	51	111	137	38	1	31	64	76
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	899	679	1 341	905	585	884	762	1 058
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	659	434	925	628	293	676	892	660
	1982	1 349	865	2 157	1 323	704	1 503	1 522	1 431
Electricity	farms, 1987	864	729	1 408	889	625	941	809	1 084
	1982	906	780	1 517	973	650	1 013	935	1 127
	$1,000, 1987	1 211	602	2 183	1 098	584	1 475	1 133	1 737
	1982	1 249	634	2 098	1 281	689	1 727	1 368	1 841
Hired farm labor	farms, 1987	516	368	680	420	207	566	380	599
	1982	514	421	755	471	339	542	441	526
	$1,000, 1987	2 176	2 756	5 261	2 452	1 173	5 331	2 375	2 262
	1982	1 732	1 896	3 340	2 017	1 004	3 031	2 421	2 193
Contract labor	farms, 1987	40	112	148	56	35	102	77	95
	1982	10	53	74	34	47	32	20	19
	$1,000, 1987	109	615	495	229	108	344	203	171
	1982	28	47	149	80	80	97	45	9
Repair and maintenance	farms, 1987	902	769	1 495	928	634	934	847	1 087
	$1,000, 1987	4 197	2 606	6 759	4 733	2 285	5 217	3 426	5 263
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	492	423	750	485	311	582	467	681
	1982	461	529	849	514	332	589	530	614
	$1,000, 1987	1 016	1 060	1 945	1 062	730	1 935	1 109	1 278
	1982	1 172	946	1 918	992	488	1 504	947	1 081
Interest paid[3]	farms, 1987	702	458	1 042	596	415	766	541	809
	1982	836	632	1 124	799	484	756	747	914
	$1,000, 1987	6 569	3 410	9 200	5 358	2 877	7 497	7 224	5 838
	1982	12 017	6 001	16 425	9 331	5 765	14 723	10 376	10 735
Interest paid on debt:									
Secured by real estate	farms, 1987	376	316	657	392	240	436	381	485
	$1,000, 1987	3 963	2 460	5 553	3 719	2 094	4 664	5 137	3 316
Not secured by real estate	farms, 1987	434	257	697	378	255	517	343	557
	$1,000, 1987	2 606	950	3 647	1 639	782	2 833	2 087	2 522
Cash rent	farms, 1987	427	262	619	418	242	465	473	585
	$1,000, 1987	5 149	3 958	7 944	4 044	1 091	7 009	6 256	6 609
Property taxes paid	farms, 1987	732	866	1 361	860	571	828	820	946
	$1,000, 1987	1 875	2 177	3 564	2 192	1 294	2 242	3 122	2 472
All other farm production expenses	farms, 1987	962	931	1 621	1 032	684	1 016	935	1 167
	$1,000, 1987	6 270	3 360	7 698	5 320	2 684	6 213	4 142	5 215

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Total farm production expenses farms, 1987	2 014	1 139	1 404	774	694	783	899	1 310
$1,000, 1987	275 493	73 684	80 531	28 872	30 158	25 801	27 999	40 075
Average per farm dollars, 1987	136 789	64 692	57 358	37 302	43 456	32 952	31 145	30 591
Livestock and poultry purchased farms, 1987	1 260	383	607	302	282	244	354	496
1982	1 320	472	735	328	359	293	391	468
$1,000, 1987	115 970	13 361	11 351	3 591	7 814	3 002	4 480	5 877
1982	104 102	10 791	14 351	4 298	5 479	3 221	4 004	4 505
Feed for livestock and poultry farms, 1987	1 430	523	888	479	479	477	524	773
1982	1 651	677	1 078	710	562	629	575	965
$1,000, 1987	62 074	11 417	11 041	4 523	5 116	4 187	3 934	6 335
1982	61 871	10 660	13 393	5 301	4 386	4 862	3 357	7 461
Commercially mixed formula feeds farms, 1987	661	279	382	224	164	267	256	407
1982	821	300	406	230	202	262	217	389
$1,000, 1987	18 348	5 597	4 229	1 500	2 451	1 595	1 665	3 002
1982	19 314	5 744	5 651	1 593	1 609	2 396	1 611	3 138
Seeds, bulbs, plants, and trees farms, 1987	1 625	934	1 240	673	526	612	622	978
1982	1 745	1 048	1 313	761	650	738	771	984
$1,000, 1987	5 781	3 559	4 545	1 541	1 205	1 424	1 338	2 138
1982	4 972	3 984	4 290	1 506	1 232	1 448	1 742	2 258
Commercial fertilizer[1] farms, 1987	1 513	846	1 157	580	487	593	560	814
1982	1 512	931	1 142	578	537	627	686	807
$1,000, 1987	8 512	5 161	6 764	2 305	1 858	2 494	2 380	2 798
1982	8 352	6 353	7 879	2 513	2 309	2 948	3 711	3 844
Agricultural chemicals[1] farms, 1987	1 649	919	1 165	603	528	624	557	867
1982	1 587	962	1 135	648	607	570	731	928
$1,000, 1987	5 339	3 780	4 820	1 722	1 204	1 750	1 410	2 090
1982	4 502	4 492	4 710	1 497	1 415	1 887	2 212	2 904
Petroleum products farms, 1987	1 906	1 092	1 352	745	650	767	850	1 185
1982	2 095	1 234	1 501	887	766	877	959	1 369
$1,000, 1987	6 066	3 428	4 110	1 900	1 483	1 356	1 614	2 218
1982	9 221	5 578	7 679	3 179	2 464	2 865	2 747	4 082
Gasoline and gasohol farms, 1987	1 666	929	1 201	628	564	671	686	1 014
1982	2 000	1 121	1 455	848	732	832	828	1 209
$1,000, 1987	2 065	1 123	1 265	729	563	593	557	818
1982	3 536	1 659	2 571	1 488	941	1 258	882	1 531
Diesel fuel farms, 1987	1 418	737	1 009	453	448	398	455	616
1982	1 555	825	1 097	521	385	496	602	683
$1,000, 1987	2 647	1 555	1 695	839	615	522	741	944
1982	3 610	2 118	2 585	1 149	660	1 006	1 197	1 584
Natural gas farms, 1987	61	61	62	38	33	25	18	47
1982	80	27	73	11	52	1	19	12
$1,000, 1987	42	71	124	42	33	13	14	52
1982	37	78	179	3	393	(D)	7	10
LP gas, fuel oil, kerosene, motor oil, grease, etc. farms, 1987	1 651	869	1 175	600	529	607	632	869
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	1 112	680	1 026	290	271	228	302	403
1982	2 037	1 723	2 344	539	470	(D)	662	957
Electricity farms, 1987	1 791	946	1 181	586	614	591	657	1 021
1982	1 897	966	1 212	748	573	643	730	983
$1,000, 1987	3 381	1 472	1 596	665	(D)	566	457	845
1982	3 493	(D)	1 766	792	471	611	718	1 018
Hired farm labor farms, 1987	1 212	538	636	331	260	259	320	444
1982	1 057	505	588	251	261	265	302	453
$1,000, 1987	10 046	4 302	3 771	1 077	1 178	1 276	1 104	2 246
1982	5 436	3 460	2 902	945	928	995	891	2 131
Contract labor farms, 1987	123	105	76	56	37	42	73	117
1982	80	64	57	53	7	16	37	72
$1,000, 1987	667	140	267	111	(D)	64	134	376
1982	172	99	74	68	6	26	14	244
Repair and maintenance farms, 1987	1 705	1 039	1 209	698	569	673	706	1 070
$1,000, 1987	8 941	4 803	5 435	2 360	1 619	1 962	2 124	2 854
Customwork, machine hire, and rental of machinery and equipment[2] farms, 1987	1 157	614	740	444	407	379	382	537
1982	1 113	668	862	462	445	417	464	717
$1,000, 1987	2 487	1 806	1 628	685	723	615	591	831
1982	2 604	2 079	1 823	795	700	776	653	1 163
Interest paid[3] farms, 1987	1 378	663	929	462	422	437	452	757
1982	1 475	774	1 036	529	491	526	553	847
$1,000, 1987	13 705	6 532	7 182	2 880	2 410	2 300	2 780	4 012
1982	23 919	10 942	14 129	5 026	5 185	6 106	4 815	8 807
Interest paid on debt: Secured by real estate farms, 1987	966	458	673	276	345	277	308	485
$1,000, 1987	8 638	4 315	5 381	1 794	1 886	1 541	2 149	2 734
Not secured by real estate farms, 1987	828	435	466	319	224	258	263	432
$1,000, 1987	5 067	2 217	1 801	1 085	524	759	631	1 278
Cash rent farms, 1987	1 061	452	596	212	189	119	226	223
$1,000, 1987	14 423	5 915	8 746	1 288	1 133	875	2 013	1 884
Property taxes paid farms, 1987	1 646	932	1 203	627	613	708	804	1 139
$1,000, 1987	3 049	2 505	3 246	1 333	1 531	1 551	1 408	2 281
All other farm production expenses farms, 1987	1 985	1 113	1 358	737	672	760	832	1 261
$1,000, 1987	15 052	5 503	6 028	2 892	2 301	2 380	2 232	3 289

See footnotes at end of table.

Table 3. **Farm Production Expenses: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses	farms, 1987	1 157	742	1 235	742	1 633	1 381	667	882
	$1,000, 1987	83 690	26 097	72 827	44 526	86 449	98 327	44 646	58 845
Average per farm	dollars, 1987	72 333	35 172	58 969	60 008	52 939	72 246	66 936	66 717
Livestock and poultry purchased	farms, 1987	657	289	308	301	836	546	321	286
	1982	589	357	385	300	967	735	325	375
	$1,000, 1987	11 576	4 639	5 937	4 985	15 134	30 306	6 508	7 223
	1982	11 757	4 722	9 097	5 009	13 148	32 928	9 627	10 700
Feed for livestock and poultry	farms, 1937	859	506	471	344	1 300	779	440	359
	1982	894	599	557	487	1 375	1 017	511	505
	$1,000, 1987	22 470	3 186	12 921	4 867	16 621	14 258	7 040	5 758
	1982	24 159	4 228	14 203	5 138	18 810	16 305	6 104	8 750
Commercially mixed formula feeds	farms, 1987	453	268	192	219	804	328	234	233
	1982	404	256	274	240	880	450	216	200
	$1,000, 1987	12 725	1 382	7 589	2 193	8 254	4 030	3 217	3 261
	1982	13 448	2 043	9 089	1 656	9 534	6 081	2 152	3 479
Seeds, bulbs, plants, and trees	farms, 1987	977	558	1 084	669	1 373	1 086	571	831
	1982	1 064	668	1 156	720	1 516	1 233	693	922
	$1,000, 1987	3 255	1 267	4 208	2 819	3 139	4 147	2 446	4 127
	1982	3 515	1 713	4 185	2 678	3 572	4 375	2 885	3 906
Commercial fertilizer[1]	farms, 1987	907	524	1 028	634	1 332	1 024	547	784
	1982	889	615	1 056	619	1 337	1 125	619	837
	$1,000, 1987	5 143	2 137	5 779	3 752	4 970	7 095	3 660	5 422
	1982	7 122	3 577	7 687	5 302	5 688	9 128	4 679	6 214
Agricultural chemicals[1]	farms, 1987	954	515	1 068	663	1 341	1 087	597	826
	1982	994	568	1 071	668	1 269	1 116	642	821
	$1,000, 1987	3 567	1 341	4 734	2 771	2 723	4 412	2 717	4 167
	1982	4 547	1 668	5 060	3 081	2 806	5 246	3 679	4 148
Petroleum products	farms, 1987	1 128	716	1 174	736	1 558	1 299	644	875
	1982	1 230	824	1 357	825	1 725	1 571	790	1 003
	$1,000, 1987	3 948	1 619	3 937	2 509	4 437	3 767	2 432	3 183
	1982	6 813	3 012	6 517	5 337	8 084	6 710	4 843	5 552
Gasoline and gasohol	farms, 1987	934	622	979	665	1 469	1 139	589	757
	1982	1 118	736	1 226	784	1 633	1 497	727	893
	$1,000, 1987	1 220	686	1 216	756	1 610	1 362	664	871
	1982	2 041	1 306	2 067	1 468	3 269	2 530	1 367	1 561
Diesel fuel	farms, 1987	808	452	905	550	1 165	940	514	705
	1982	874	563	1 063	633	1 172	1 030	584	848
	$1,000, 1987	1 561	657	1 912	1 063	1 661	1 800	1 019	1 639
	1982	2 601	1 169	2 928	1 777	2 499	2 932	1 656	2 397
Natural gas	farms, 1987	33	15	72	41	73	54	59	36
	1982	86	7	66	19	77	71	30	51
	$1,000, 1987	56	11	63	40	104	44	82	30
	1982	166	5	96	49	139	49	54	74
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	960	556	1 029	671	1 393	1 052	565	815
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	1 111	264	746	650	1 061	561	666	643
	1982	2 006	532	1 426	2 043	2 177	1 199	1 766	1 520
Electricity	farms, 1987	1 003	614	994	635	1 446	1 119	605	788
	1982	1 034	634	1 084	728	1 533	1 263	664	848
	$1,000, 1987	1 492	519	1 463	862	2 319	1 649	700	994
	1982	1 663	588	1 303	1 091	2 616	1 955	(D)	(D)
Hired farm labor	farms, 1987	548	259	611	394	816	722	350	500
	1982	411	223	633	384	864	714	356	464
	$1,000, 1987	4 100	611	5 006	1 321	3 481	3 151	1 332	2 628
	1982	2 857	839	3 733	1 088	3 827	3 151	1 487	3 030
Contract labor	farms, 1987	61	45	128	101	91	216	60	83
	1982	20	16	65	48	66	65	16	21
	$1,000, 1987	161	188	169	106	225	487	96	132
	1982	94	23	137	42	223	216	40	41
Repair and maintenance	farms, 1987	1 056	620	1 027	608	1 523	1 170	606	798
	$1,000, 1987	5 129	1 999	5 065	2 563	6 444	5 107	2 627	4 099
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	618	353	532	395	1 085	817	416	488
	1982	527	393	568	401	1 065	777	358	460
	$1,000, 1987	1 271	636	1 019	946	2 071	2 124	684	1 384
	1982	1 145	761	1 670	764	1 868	2 275	893	1 356
Interest paid[3]	farms, 1987	680	441	675	577	1 062	766	458	592
	1982	744	479	856	679	1 277	907	605	688
	$1,000, 1987	6 263	2 413	6 080	5 585	7 881	6 745	4 134	6 673
	1982	11 462	4 388	12 646	7 609	14 382	13 174	7 941	11 504
Interest paid on debt:									
Secured by real estate	farms, 1987	461	304	349	361	695	521	343	368
	$1,000, 1987	4 352	1 645	3 935	3 518	5 706	4 206	2 974	4 544
Not secured by real estate	farms, 1987	423	269	466	383	674	425	258	388
	$1,000, 1987	1 911	768	2 145	2 067	2 175	2 539	1 161	2 129
Cash rent	farms, 1987	408	161	492	404	587	464	348	395
	$1,000, 1987	5 152	1 438	4 814	6 644	4 690	5 543	5 472	5 758
Property taxes paid	farms, 1987	919	678	971	628	1 413	1 131	593	657
	$1,000, 1987	2 666	1 541	2 644	1 459	3 781	3 143	1 641	2 091
All other farm production expenses	farms, 1987	1 111	711	1 196	729	1 592	1 306	639	865
	$1,000, 1987	7 496	2 563	9 051	3 317	8 533	6 390	3 156	5 205

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[1] Data for 1987 include cost of custom applications.

[2] Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.

[3] Data for 1982 do not include imputation for item nonresponse.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
NET CASH RETURN							
Net cash return from agricultural sales for the farm unit (see text)[1] .... farms, 1987	105 184	971	688	1 061	891	851	1 435
$1,000, 1987	2 146 997	20 332	11 241	21 431	4 650	19 818	31 532
Average per farm .... dollars, 1987	20 412	20 939	16 338	20 199	5 219	23 288	21 974
Farms with net gains[2] .... number, 1987	74 987	716	532	792	539	667	1 087
$1,000, 1987	2 374 100	22 269	12 021	23 213	6 660	21 272	34 629
Average per farm .... dollars, 1987	31 660	31 102	22 596	29 309	12 357	31 892	31 857
Farms with net losses .... number, 1987	30 197	255	156	269	352	184	348
$1,000, 1987	227 103	1 937	780	1 782	2 011	1 454	3 097
Average per farm .... dollars, 1987	7 521	7 596	5 001	6 623	5 712	7 901	8 899
GOVERNMENT PAYMENTS							
Total received .... farms, 1987	75 203	749	478	736	434	658	1 063
$1,000, 1987	1 153 713	9 184	5 443	8 185	2 900	9 866	15 923
Average per farm .... dollars, 1987	15 341	12 261	11 386	11 121	6 682	14 994	14 979
Amount received in cash .... farms, 1987	70 106	705	432	671	371	612	1 005
$1,000, 1987	559 007	4 469	2 423	3 670	1 310	4 708	8 018
Value of commodity certificates received .... farms, 1987	71 148	693	451	688	402	630	998
$1,000, 1987	594 706	4 715	3 020	4 515	1 590	5 158	7 905
OTHER FARM-RELATED INCOME							
Gross before taxes and expenses[1] .... farms, 1987	30 370	279	207	399	199	282	367
$1,000, 1987	132 008	1 219	434	848	360	1 720	1 558
Average per farm .... dollars, 1987	4 347	4 369	2 095	2 125	1 809	6 099	4 245
Customwork and other agricultural services[3] .... farms, 1987	15 001	161	108	138	72	124	238
1982	16 921	176	109	169	100	127	277
$1,000, 1987	61 977	896	266	307	184	723	927
1982	64 815	617	358	447	188	667	1 153
Rental of farmland .... farms, 1987	8 633	48	64	100	85	99	72
$1,000, 1987	58 000	282	108	338	159	928	479
Sales of forest products and Christmas trees .... farms, 1987	710	-	-	65	8	-	15
$1,000, 1987	1 876	-	-	114	1	-	(D)
Other farm-related income sources .... farms, 1987	11 908	107	74	218	57	97	92
$1,000, 1987	10 156	41	60	88	16	68	(D)
COMMODITY CREDIT CORPORATION LOANS							
Total .... farms, 1987	51 178	467	265	416	177	470	727
1982	28 931	298	132	157	109	260	441
$1,000, 1987	1 598 775	11 363	5 840	6 394	2 586	14 463	22 596
1982	1 047 057	7 960	2 874	3 017	1 168	7 656	16 700
Corn .... farms, 1987	50 551	463	259	412	174	454	709
$1,000, 1987	1 298 123	9 412	4 614	6 230	2 172	11 979	17 292
Wheat .... farms, 1987	61	1	1	-	-	-	-
$1,000, 1987	127	(D)	(D)	-	-	-	-
Soybeans .... farms, 1987	14 094	116	59	16	34	136	240
$1,000, 1987	298 747	(D)	1 206	102	413	2 451	(D)
Sorghum, barley, and oats .... farms, 1987	86	-	2	2	-	1	-
$1,000, 1987	190	-	(D)	(D)	-	(D)	-
Cotton .... farms, 1987	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey .... farms, 1987	70	1	1	3	-	3	1
$1,000, 1987	1 587	(D)	(D)	(D)	-	(D)	(D)

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
NET CASH RETURN							
Net cash return from agricultural sales for the farm unit (see text)[1] ... farms, 1987	1 271	1 029	1 140	1 331	1 097	1 294	992
$1,000, 1987	20 438	25 215	14 472	23 455	30 593	21 266	33 993
Average per farm ... dollars, 1987	16 080	24 504	12 695	17 622	27 888	16 434	34 267
Farms with net gains[2] ... number, 1987	879	802	746	964	910	902	890
$1,000, 1987	23 165	27 351	17 194	26 172	34 474	24 336	34 736
Average per farm ... dollars, 1987	26 354	34 103	23 048	27 150	37 883	26 980	39 029
Farms with net losses ... number, 1987	392	227	394	367	187	392	102
$1,000, 1987	2 728	2 136	2 721	2 718	3 881	3 070	743
Average per farm ... dollars, 1987	6 959	9 409	6 907	7 405	20 755	7 831	7 281
GOVERNMENT PAYMENTS							
Total received ... farms, 1987	862	742	725	916	888	924	827
$1,000, 1987	14 338	13 219	10 534	17 610	14 473	14 664	12 766
Average per farm ... dollars, 1987	16 633	17 816	14 529	19 225	16 298	15 870	15 436
Amount received in cash ... farms, 1987	813	711	673	866	853	866	776
$1,000, 1987	7 058	6 436	5 409	8 873	7 037	7 035	6 306
Value of commodity certificates received ... farms, 1987	823	719	692	886	827	884	783
$1,000, 1987	7 280	6 783	5 125	8 737	7 435	7 629	6 460
OTHER FARM-RELATED INCOME							
Gross before taxes and expenses[1] ... farms, 1987	480	281	373	408	277	306	235
$1,000, 1987	2 021	925	1 235	1 713	2 404	1 249	1 001
Average per farm ... dollars, 1987	4 211	3 291	3 310	4 200	8 677	4 082	4 260
Customwork and other agricultural services[3] ... farms, 1987	263	119	144	176	112	183	175
1982	198	177	200	195	232	227	212
$1,000, 1987	993	390	435	467	524	629	574
1982	678	699	720	602	903	749	823
Rental of farmland ... farms, 1987	127	73	125	168	86	66	34
$1,000, 1987	863	479	684	1 176	1 553	569	366
Sales of forest products and Christmas trees ... farms, 1987	-	-	9	1	1	1	1
$1,000, 1987	-	-	57	(D)	(D)	(D)	(D)
Other farm-related income sources ... farms, 1987	206	139	141	119	151	91	66
$1,000, 1987	145	56	59	(D)	(D)	(D)	(D)
COMMODITY CREDIT CORPORATION LOANS							
Total ... farms, 1987	662	521	535	671	658	696	600
1982	355	322	312	399	357	421	414
$1,000, 1987	23 235	18 941	16 353	23 002	18 807	20 072	19 087
1982	16 357	12 864	11 156	16 743	11 744	14 593	12 418
Corn ... farms, 1987	655	516	530	668	650	691	595
$1,000, 1987	19 125	15 026	14 077	20 706	14 941	16 692	14 168
Wheat ... farms, 1987	-	2	-	-	1	-	-
$1,000, 1987	-	(D)	-	-	(D)	-	-
Soybeans ... farms, 1987	182	154	145	125	180	196	222
$1,000, 1987	(D)	(D)	2 275	2 297	3 753	(D)	(D)
Sorghum, barley, and oats ... farms, 1987	1	-	-	-	1	1	2
$1,000, 1987	(D)	-	-	-	(D)	(D)	(D)
Cotton ... farms, 1987	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ... farms, 1987	1	-	-	-	1	-	-
$1,000, 1987	(D)	-	-	-	(D)	-	-

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
NET CASH RETURN							
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms, 1987	1 321	942	1 170	929	1 091	1 054	697
$1,000, 1987	44 532	18 930	18 667	20 195	29 114	15 520	5 034
Average per farm ..... dollars, 1987	33 711	20 096	15 954	21 739	26 685	14 725	7 223
Farms with net gains[2] ..... number, 1987	1 090	715	857	631	826	634	388
$1,000, 1987	47 053	20 807	22 305	22 668	31 913	18 662	6 358
Average per farm ..... dollars, 1987	43 168	29 101	26 027	35 924	38 636	29 435	16 386
Farms with net losses ..... number, 1987	231	227	313	298	265	420	309
$1,000, 1987	2 521	1 877	3 639	2 473	2 800	3 142	1 323
Average per farm ..... dollars, 1987	10 912	8 267	11 625	8 297	10 566	7 480	4 283
GOVERNMENT PAYMENTS							
Total received ..... farms, 1987	999	739	875	713	852	790	441
$1,000, 1987	12 190	10 905	17 424	15 106	12 903	12 739	4 225
Average per farm ..... dollars, 1987	12 202	14 757	19 913	21 187	15 144	16 126	9 579
Amount received in cash ..... farms, 1987	940	682	835	673	818	729	382
$1,000, 1987	5 941	5 357	8 586	7 306	6 356	5 997	1 639
Value of commodity certificates received ..... farms, 1987	946	687	838	679	824	751	412
$1,000, 1987	6 249	5 548	8 838	7 800	6 547	6 742	2 585
OTHER FARM-RELATED INCOME							
Gross before taxes and expenses[1] ..... farms, 1987	412	266	424	272	335	364	113
$1,000, 1987	1 681	1 180	2 467	1 340	1 196	1 246	400
Average per farm ..... dollars, 1987	4 079	4 435	5 819	4 926	3 570	3 424	3 542
Customwork and other agricultural services[3] ..... farms, 1987	174	168	275	128	140	199	51
1982	216	138	195	160	195	146	107
$1,000, 1987	747	577	948	337	654	799	260
1982	936	518	878	733	763	429	366
Rental of farmland ..... farms, 1987	94	63	128	90	60	65	44
$1,000, 1987	729	547	1 432	724	431	293	123
Sales of forest products and Christmas trees ..... farms, 1987	1	7	8	17	7	-	8
$1,000, 1987	(D)	11	(D)	182	(Z)	-	14
Other farm-related income sources ..... farms, 1987	260	47	62	88	180	213	29
$1,000, 1987	(D)	45	(D)	97	111	155	3
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms, 1987	710	488	629	569	625	603	208
1982	338	280	292	391	333	353	141
$1,000, 1987	18 222	14 924	21 484	25 045	17 636	19 643	3 260
1982	8 338	9 873	15 429	24 166	9 629	13 916	2 960
Corn ..... farms, 1987	700	484	627	565	617	598	202
$1,000, 1987	14 608	12 522	19 326	19 529	13 521	16 252	2 402
Wheat ..... farms, 1987	1	2	-	-	-	-	-
$1,000, 1987	(D)	(D)	-	-	-	-	-
Soybeans ..... farms, 1987	207	110	116	212	213	171	63
$1,000, 1987	3 583	(D)	(D)	5 515	4 111	(D)	859
Sorghum, barley, and oats ..... farms, 1987	2	-	1	-	2	1	-
$1,000, 1987	(D)	-	(D)	-	(D)	(D)	-
Cotton ..... farms, 1987	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms, 1987	1	-	-	-	1	-	-
$1,000, 1987	(D)	-	-	-	(D)	-	-

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
NET CASH RETURN							
Net cash return from agricultural sales for the farm unit (see text)[1] .... farms, 1987	877	1 706	1 438	1 339	1 061	921	715
$1,000, 1987	25 343	39 145	18 531	22 279	20 368	4 698	7 042
Average per farm .... dollars, 1987	28 897	22 946	12 887	16 639	18 842	5 101	9 849
Farms with net gains[2] .... number, 1987	687	1 231	936	938	641	479	424
$1,000, 1987	26 901	42 074	23 331	25 286	23 193	7 534	8 658
Average per farm .... dollars, 1987	39 157	34 179	24 927	26 958	36 183	15 728	20 421
Farms with net losses .... number, 1987	190	475	502	401	440	442	291
$1,000, 1987	1 558	2 929	4 800	3 007	2 825	2 836	1 617
Average per farm .... dollars, 1987	8 198	6 166	9 562	7 500	6 420	6 416	5 555
GOVERNMENT PAYMENTS							
Total received .... farms, 1987	712	1 177	1 037	989	720	457	382
$1,000, 1987	12 357	16 122	19 538	13 345	12 195	4 874	3 490
Average per farm .... dollars, 1987	17 355	13 697	18 840	13 493	16 938	10 664	9 136
Amount received in cash .... farms, 1987	667	1 076	986	933	658	398	313
$1,000, 1987	6 021	7 658	9 577	6 371	5 902	1 936	1 485
Value of commodity certificates received .... farms, 1987	680	1 122	983	934	685	413	351
$1,000, 1987	6 336	8 464	9 960	6 974	6 293	2 937	2 005
OTHER FARM-RELATED INCOME							
Gross before taxes and expenses[1] .... farms, 1987	206	691	447	409	210	220	148
$1,000, 1987	1 352	2 385	2 324	2 447	1 327	591	315
Average per farm .... dollars, 1987	6 564	3 452	5 199	5 984	6 318	2 689	2 128
Customwork and other agricultural services[3] .... farms, 1987	101	258	229	192	117	106	88
1982	173	227	230	252	178	121	97
$1,000, 1987	570	1 164	881	682	986	325	190
1982	835	703	1 127	1 107	881	299	316
Rental of farmland .... farms, 1987	62	162	147	184	82	85	56
$1,000, 1987	664	673	1 334	1 706	304	246	119
Sales of forest products and Christmas trees .... farms, 1987	8	81	10	-	1	27	1
$1,000, 1987	64	269	16	-	(D)	9	(D)
Other farm-related income sources .... farms, 1987	72	320	121	126	31	27	13
$1,000, 1987	54	279	94	59	(D)	11	(D)
COMMODITY CREDIT CORPORATION LOANS							
Total .... farms, 1987	538	687	728	695	468	207	177
1982	359	204	341	446	260	175	113
$1,000, 1987	18 769	15 137	21 446	20 943	18 435	3 473	3 859
1982	14 097	4 861	11 983	12 343	11 573	4 085	3 038
Corn .... farms, 1987	525	686	724	686	463	202	169
$1,000, 1987	13 549	14 864	18 693	16 658	14 779	2 955	2 802
Wheat .... farms, 1987	-	-	-	1	1	3	1
$1,000, 1987	-	-	-	(D)	(D)	3	(D)
Soybeans .... farms, 1987	205	24	154	213	140	35	52
$1,000, 1987	(D)	233	(D)	4 281	3 493	515	1 048
Sorghum, barley, and oats .... farms, 1987	-	-	-	5	-	-	2
$1,000, 1987	-	-	-	(D)	-	-	(D)
Cotton .... farms, 1987	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey .... farms, 1987	2	-	1	-	4	-	-
$1,000, 1987	(D)	-	(D)	-	(D)	-	-

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text)[1]	farms, 1987	1 452	752	593	1 690	609	1 510	985	1 012
	$1,000, 1987	44 004	9 290	15 772	38 169	18 853	31 240	18 423	27 388
Average per farm	dollars, 1987	30 306	12 354	26 597	22 585	30 957	20 689	18 704	27 063
Farms with net gains[2]	number, 1987	1 105	490	475	1 246	499	1 163	602	817
	$1,000, 1987	46 606	10 734	16 489	42 422	19 934	34 348	20 986	29 018
Average per farm	dollars, 1987	42 177	21 906	34 714	34 047	39 948	29 534	34 861	35 518
Farms with net losses	number, 1987	347	262	118	444	110	347	383	195
	$1,000, 1987	2 602	1 444	717	4 253	1 081	3 106	2 563	1 630
Average per farm	dollars, 1987	7 498	5 511	6 076	9 579	9 829	8 957	6 691	8 360
GOVERNMENT PAYMENTS									
Total received	farms, 1987	1 098	552	452	1 012	500	1 142	754	829
	$1,000, 1987	17 351	7 898	7 915	10 816	10 219	19 445	13 770	17 566
Average per farm	dollars, 1987	15 803	14 846	17 510	10 688	20 438	17 027	18 263	21 190
Amount received in cash	farms, 1987	1 049	490	427	922	466	1 085	720	797
	$1,000, 1987	8 943	4 003	3 776	5 877	4 961	9 550	6 715	8 874
Value of commodity certificates received	farms, 1987	1 030	506	430	938	476	1 063	719	788
	$1,000, 1987	8 408	3 895	4 138	4 939	5 258	9 895	7 055	8 692
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses[1]	farms, 1987	457	159	239	386	197	616	353	276
	$1,000, 1987	1 819	1 294	1 129	1 195	992	2 323	2 453	1 760
Average per farm	dollars, 1987	3 980	8 138	4 722	3 097	5 033	3 771	6 949	6 378
Customwork and other agricultural services[3]	farms, 1987	247	96	122	134	92	197	152	102
	1982	216	116	101	166	106	257	194	197
	$1,000, 1987	1 019	793	809	672	520	699	540	576
	1982	828	399	361	715	414	878	739	852
Rental of farmland	farms, 1987	93	34	53	119	36	193	124	87
	$1,000, 1987	686	418	283	370	393	1 323	1 773	940
Sales of forest products and Christmas trees	farms, 1987	4	9	-	40	-	18	16	1
	$1,000, 1987	5	9	-	76	-	31	16	(D)
Other farm-related income sources	farms, 1987	223	25	103	180	96	333	149	114
	$1,000, 1987	108	74	37	77	79	270	125	(D)
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1987	763	321	340	511	401	804	589	671
	1982	273	204	232	156	283	448	399	444
	$1,000, 1987	21 486	10 509	11 943	8 046	17 526	25 434	22 228	27 950
	1982	11 229	8 802	8 245	3 190	11 032	16 906	16 280	20 830
Corn	farms, 1987	760	318	333	509	399	797	581	664
	$1,000, 1987	20 729	8 764	8 883	7 940	12 511	22 815	16 953	22 195
Wheat	farms, 1987	-	2	1	-	-	1	1	-
	$1,000, 1987	-	(D)	(D)	-	-	(D)	(D)	-
Soybeans	farms, 1987	63	103	140	9	177	146	223	243
	$1,000, 1987	733	(D)	(D)	(D)	5 015	2 577	5 272	5 756
Sorghum, barley, and oats	farms, 1987	4	-	-	-	-	2	1	-
	$1,000, 1987	5	-	-	-	-	(D)	(D)	-
Cotton	farms, 1987	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	-	-	1	2	-	3	1	-
	$1,000, 1987	-	-	(D)	(D)	-	(D)	(D)	-

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text)[1]	farms, 1987	719	949	1 038	960	1 026	1 053	1 065	1 024
	$1,000, 1987	20 778	29 930	27 179	20 047	34 402	25 342	24 668	22 165
Average per farm	dollars, 1987	28 898	31 539	26 184	20 882	33 530	24 066	23 162	21 645
Farms with net gains[2]	number, 1987	562	769	837	653	815	763	763	767
	$1,000, 1987	21 485	31 093	28 442	21 527	36 208	28 084	27 559	24 071
Average per farm	dollars, 1987	38 229	40 433	33 981	32 967	44 426	36 806	36 119	31 383
Farms with net losses	number, 1987	157	180	201	307	211	290	302	257
	$1,000, 1987	707	1 163	1 263	1 481	1 806	2 742	2 891	1 906
Average per farm	dollars, 1987	4 503	6 462	6 285	4 823	8 558	9 457	9 572	7 416
GOVERNMENT PAYMENTS									
Total received	farms, 1987	540	742	802	692	822	896	819	761
	$1,000, 1987	8 353	12 925	15 724	9 096	15 596	16 525	16 797	11 478
Average per farm	dollars, 1987	15 469	17 420	19 606	13 145	18 973	18 443	20 509	15 082
Amount received in cash	farms, 1987	498	707	763	631	781	856	789	696
	$1,000, 1987	4 030	6 460	8 056	4 085	7 756	8 184	8 520	5 603
Value of commodity certificates received	farms, 1987	523	704	751	657	780	854	783	717
	$1,000, 1987	4 323	6 465	7 667	5 011	7 840	8 341	8 277	5 875
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses[1]	farms, 1987	148	268	326	333	388	422	345	210
	$1,000, 1987	1 114	1 311	1 533	1 657	1 291	1 220	1 826	626
Average per farm	dollars, 1987	7 525	4 892	4 701	4 977	3 328	2 890	5 294	2 980
Customwork and other agricultural services[3]	farms, 1987	82	134	204	177	191	149	164	80
	1982	127	195	241	145	169	223	192	161
	$1,000, 1987	527	802	749	1 184	706	477	747	286
	1982	617	904	1 034	600	714	746	1 044	675
Rental of farmland	farms, 1987	66	63	74	93	93	69	86	64
	$1,000, 1987	585	381	679	401	409	550	849	300
Sales of forest products and Christmas trees	farms, 1987	-	7	-	-	-	-	1	-
	$1,000, 1987	-	(Z)	-	-	-	-	(D)	-
Other farm-related income sources	farms, 1987	10	163	82	123	175	279	190	81
	$1,000, 1987	2	128	105	72	176	192	(D)	39
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1987	359	557	636	419	609	706	683	549
	1982	254	328	360	264	397	400	403	327
	$1,000, 1987	13 341	20 952	24 999	11 282	23 750	27 469	27 403	20 629
	1982	10 507	12 937	16 193	8 045	15 841	15 580	19 738	10 729
Corn	farms, 1987	351	550	630	415	604	700	648	540
	$1,000 1987	9 764	16 118	20 009	9 229	18 637	21 185	21 444	16 516
Wheat	farms, 1987	3	1	-	1	-	-	-	-
	$1,000, 1987	(D)	(D)	-	(D)	-	-	-	-
Soybeans	farms, 1987	130	181	191	124	205	270	257	167
	$1,000, 1987	3 526	(D)	(D)	(D)	(D)	(D)	5 914	4 112
Sorghum, barley, and oats	farms, 1987	2	-	1	1	-	1	1	-
	$1,000, 1987	(D)	-	(D)	(D)	-	(D)	(D)	-
Cotton	farms, 1987	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	-	-	-	-	1	-	4	-
	$1,000, 1987	-	-	-	-	(D)	-	(D)	-

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text)[1]	farms, 1987	894	938	754	787	1 057	1 354	1 465	774
	$1,000, 1987	7 989	13 533	23 636	17 847	18 755	15 346	31 684	9 471
Average per farm	dollars, 1987	8 936	14 427	31 348	22 677	17 743	11 334	21 627	12 237
Farms with net gains[2]	number, 1987	486	661	640	584	771	841	1 004	485
	$1,000, 1987	11 186	16 232	24 415	19 416	20 854	19 425	35 013	11 955
Average per farm	dollars, 1987	23 017	24 556	38 148	33 246	27 047	23 097	34 873	24 649
Farms with net losses	number, 1987	408	277	114	203	286	513	461	289
	$1,000, 1987	3 197	2 699	779	1 569	2 099	4 079	3 329	2 484
Average per farm	dollars, 1987	7 837	9 745	6 830	7 727	7 339	7 950	7 221	8 594
GOVERNMENT PAYMENTS									
Total received	farms, 1987	635	701	628	597	830	898	1 026	550
	$1,000, 1987	8 531	11 301	10 709	10 030	13 537	10 044	15 683	6 756
Average per farm	dollars, 1987	13 434	16 122	17 053	16 800	16 310	11 185	15 286	12 283
Amount received in cash	farms, 1987	605	647	604	561	783	837	963	518
	$1,000, 1987	4 146	5 400	5 291	4 904	6 262	4 706	7 726	3 188
Value of commodity certificates received	farms, 1987	580	661	604	574	791	855	959	513
	$1,000, 1987	4 384	5 902	5 418	5 126	7 275	5 338	7 957	3 568
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses[1]	farms, 1987	215	292	191	240	234	278	407	184
	$1,000, 1987	1 284	1 016	853	871	1 483	927	1 507	619
Average per farm	dollars, 1987	5 970	3 480	4 465	3 630	6 337	3 334	3 704	3 366
Customwork and other agricultural services[3]	farms, 1987	127	149	120	151	141	130	195	118
	1982	133	139	136	145	168	157	243	132
	$1,000, 1987	684	482	453	444	444	372	719	404
	1982	459	673	381	536	656	531	926	392
Rental of farmland	farms, 1987	84	40	52	65	79	129	107	27
	$1,000, 1987	489	428	377	417	974	456	601	198
Sales of forest products and Christmas trees	farms, 1987	19	4	-	-	7	8	-	1
	$1,000, 1987	15	1	-	-	(D)	6	-	(D)
Other farm-related income sources	farms, 1987	66	178	81	67	65	76	183	46
	$1,000, 1987	95	104	24	10	(D)	92	187	(D)
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1987	395	492	486	433	542	520	712	319
	1982	240	322	239	236	328	208	366	205
	$1,000, 1987	9 628	15 174	15 761	12 946	15 602	8 630	22 985	5 975
	1982	8 683	12 968	8 923	6 576	11 846	4 809	11 649	6 046
Corn	farms, 1987	390	487	460	429	539	519	706	315
	$1,000, 1987	8 115	12 224	11 892	10 896	14 327	8 394	18 677	5 733
Wheat	farms, 1987	-	-	1	-	-	-	-	1
	$1,000, 1987	-	-	(D)	-	-	-	-	(D)
Soybeans	farms, 1987	89	135	154	118	80	19	215	81
	$1,000, 1987	1 513	2 941	(D)	2 049	(D)	(D)	(D)	(D)
Sorghum, barley, and oats	farms, 1987	-	6	-	-	1	-	-	-
	$1,000, 1987	-	9	-	-	(D)	-	-	-
Cotton	farms, 1987	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	-	-	-	-	-	1	1	-
	$1,000, 1987	-	-	-	-	-	(D)	(D)	-

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text)[1]	farms, 1987	1 356	1 161	1 036	1 717	989	1 688	635	691
	$1,000, 1987	20 321	19 341	25 118	49 897	10 578	14 060	8 709	3 676
Average per farm	dollars, 1987	14 986	16 659	24 243	29 061	10 696	8 330	13 716	5 319
Farms with net gains[2]	number, 1987	933	787	750	1 468	544	949	414	365
	$1,000, 1987	23 319	23 444	27 085	52 166	12 719	18 693	10 305	5 759
Average per farm	dollars, 1987	24 993	29 790	36 113	35 535	23 380	19 698	24 890	15 779
Farms with net losses	number, 1987	423	374	286	249	445	739	221	326
	$1,000, 1987	2 997	4 103	1 969	2 268	2 140	4 633	1 595	2 084
Average per farm	dollars, 1987	7 086	10 971	6 883	9 109	4 810	6 269	7 218	6 391
GOVERNMENT PAYMENTS									
Total received	farms, 1987	757	857	758	1 456	617	977	492	392
	$1,000, 1987	10 473	14 493	14 008	26 317	5 928	12 968	8 024	3 432
Average per farm	dollars, 1987	13 835	16 911	18 480	18 075	9 608	13 273	16 310	8 754
Amount received in cash	farms, 1987	710	793	701	1 399	579	924	459	339
	$1,000, 1987	5 034	6 944	6 696	13 115	2 866	6 259	3 960	1 480
Value of commodity certificates received	farms, 1987	708	824	720	1 389	581	918	467	357
	$1,000, 1987	5 439	7 549	7 312	13 203	3 062	6 709	4 065	1 951
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses[1]	farms, 1987	378	411	247	551	256	467	123	109
	$1,000, 1987	1 938	1 271	826	2 655	1 097	1 729	593	460
Average per farm	dollars, 1987	5 127	3 092	3 345	4 819	4 286	3 702	4 821	4 217
Customwork and other agricultural services[3]	farms, 1987	185	176	136	249	145	199	70	70
	1982	210	205	126	267	123	202	90	71
	$1,000, 1987	710	525	503	1 353	389	795	251	377
	1982	750	863	496	956	318	738	371	212
Rental of farmland	farms, 1987	157	155	92	118	95	196	37	20
	$1,000, 1987	1 046	641	313	943	558	815	266	45
Sales of forest products and Christmas trees	farms, 1987	29	30	5	1	27	7	-	5
	$1,000, 1987	173	57	2	(D)	106	11	-	6
Other farm-related income sources	farms, 1987	41	116	49	346	13	180	36	64
	$1,000, 1987	9	49	9	(D)	46	107	75	32
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1987	464	550	511	1 172	277	537	333	203
	1982	248	243	328	706	131	250	222	121
	$1,000, 1987	11 330	15 918	15 610	45 506	6 286	16 019	10 243	3 201
	1982	7 800	9 391	13 142	31 040	3 991	9 612	9 660	2 398
Corn	farms, 1987	458	545	508	1 166	272	524	332	201
	$1,000, 1987	9 819	14 200	14 009	35 710	5 127	12 943	8 393	2 656
Wheat	farms, 1987	-	-	3	1	3	-	3	-
	$1,000, 1987	-	-	3	(D)	(D)	-	(D)	-
Soybeans	farms, 1987	92	92	87	387	69	115	92	43
	$1,000, 1987	(D)	1 681	1 597	9 792	1 158	3 004	(D)	545
Sorghum, barley, and oats	farms, 1987	1	1	-	3	2	9	-	-
	$1,000, 1987	(D)	(D)	-	(D)	(D)	(D)	-	-
Cotton	farms, 1987	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	-	2	-	-	-	3	-	-
	$1,000, 1987	-	(D)	-	-	-	(D)	-	-

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see text)[1] farms, 1987	1 234	1 059	1 193	1 131	1 072	641	939	853
$1,000, 1987	34 861	14 948	28 615	15 656	20 347	16 102	20 564	20 431
Average per farm dollars, 1987	28 250	14 115	23 986	13 843	18 980	25 120	21 900	23 952
Farms with net gains[2] number, 1987	983	679	895	744	756	508	727	644
$1,000, 1987	37 057	16 873	31 289	17 710	23 417	16 948	22 427	22 061
Average per farm dollars, 1987	37 698	24 850	34 960	23 804	30 975	33 362	30 848	34 287
Farms with net losses number, 1987	251	380	298	387	316	133	212	209
$1,000, 1987	2 198	1 925	2 674	2 055	3 070	846	1 883	1 650
Average per farm dollars, 1987	8 750	5 066	8 975	5 309	9 717	6 359	8 786	7 895
GOVERNMENT PAYMENTS								
Total received farms, 1987	924	628	853	662	773	466	699	653
$1,000, 1987	11 683	6 192	10 940	7 128	16 584	8 160	11 793	11 456
Average per farm dollars, 1987	12 644	9 860	12 825	10 768	21 455	17 511	16 872	17 544
Amount received in cash farms, 1987	902	583	787	580	729	447	664	613
$1,000, 1987	5 924	2 780	5 153	3 129	7 629	3 860	5 719	5 550
Value of commodity certificates received farms, 1987	875	590	807	619	749	443	665	624
$1,000, 1987	5 759	3 412	5 786	3 999	8 956	4 300	6 075	5 906
OTHER FARM-RELATED INCOME								
Gross before taxes and expenses[1] farms, 1987	442	279	361	222	255	151	394	236
$1,000, 1987	2 503	683	1 668	1 068	1 492	930	1 765	1 137
Average per farm dollars, 1987	5 663	2 447	4 622	4 812	5 851	6 160	4 481	4 818
Customwork and other agricultural services[3] farms, 1987	239	148	188	123	145	91	167	106
1982	219	153	207	145	198	104	182	147
$1,000, 1987	1 065	353	693	656	989	847	719	735
1982	787	417	635	436	895	520	617	659
Rental of farmland farms, 1987	111	88	83	78	90	31	142	47
$1,000, 1987	1 232	202	873	390	399	67	875	190
Sales of forest products and Christmas trees farms, 1987	-	2	3	8	-	-	10	8
$1,000, 1987	-	(D)	(D)	(Z)	-	-	(D)	112
Other farm-related income sources farms, 1987	270	59	142	36	60	47	171	97
$1,000, 1987	206	(D)	(D)	22	104	16	(D)	100
COMMODITY CREDIT CORPORATION LOANS								
Total farms, 1987	636	359	515	400	564	308	533	494
1982	310	191	267	199	345	143	330	283
$1,000, 1987	15 834	7 992	13 621	10 045	22 511	12 322	17 870	19 052
1982	7 467	4 424	7 453	5 195	14 846	6 543	12 855	12 072
Corn farms, 1987	630	359	502	395	557	301	532	485
$1,000, 1987	11 892	6 540	11 215	7 834	19 494	(D)	14 731	15 630
Wheat farms, 1987	2	2	-	-	-	-	2	2
$1,000, 1987	(D)	(D)	-	-	-	-	(D)	(D)
Soybeans farms, 1987	226	87	134	109	142	80	141	155
$1,000, 1987	3 853	(D)	(D)	2 211	(D)	(D)	3 134	3 360
Sorghum, barley, and oats farms, 1987	-	-	1	-	-	-	3	2
$1,000, 1987	-	-	(D)	-	-	-	(D)	(D)
Cotton farms, 1987	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey farms, 1987	1	-	-	-	1	-	-	2
$1,000, 1987	(D)	-	-	-	(D)	-	-	(D)

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see text)[1] ......farms, 1987..	736	701	900	1 233	731	1 014	934	1 740
$1,000, 1987..	4 373	15 589	9 110	41 866	20 227	21 411	23 883	44 346
Average per farm......dollars, 1987..	5 942	22 238	10 122	33 955	27 670	21 115	25 571	25 486
Farms with net gains[2]......number, 1987..	390	506	490	1 010	613	767	725	1 276
$1,000, 1987..	5 961	17 302	2 805	43 547	20 849	22 861	25 729	47 531
Average per farm......dollars, 1987..	15 283	34 194	26 132	43 116	34 011	29 806	35 488	37 250
Farms with net losses......number, 1987..	346	195	410	223	118	247	209	464
$1,000, 1987..	1 587	1 713	3 695	1 681	622	1 450	1 846	3 166
Average per farm......dollars, 1987..	4 587	8 785	9 011	7 538	5 269	5 870	8 832	6 866
GOVERNMENT PAYMENTS								
Total received......farms, 1987..	388	547	606	987	588	728	787	1 297
$1,000, 1987..	2 901	8 230	9 426	14 705	9 187	8 183	14 408	16 686
Average per farm......dollars, 1987..	7 477	15 045	15 555	14 898	15 623	11 240	18 308	12 865
Amount received in cash......farms, 1987..	337	512	575	931	540	681	743	1 181
$1,000, 1987..	1 210	4 007	4 554	7 229	4 449	4 003	6 840	8 016
Value of commodity certificates received......farms, 1987..	349	519	575	930	565	680	753	1 244
$1,000, 1987..	1 691	4 222	4 872	7 476	4 737	4 180	7 568	8 670
OTHER FARM-RELATED INCOME								
Gross before taxes and expenses[1]......farms, 1987..	131	209	254	442	263	322	333	442
$1,000, 1987..	264	1 066	1 160	1 812	822	1 202	1 586	2 153
Average per farm......dollars, 1987..	2 014	5 098	4 568	4 099	3 125	3 734	4 763	4 871
Customwork and other agricultural services[3]......farms, 1987..	75	107	118	168	103	231	133	257
1982..	75	125	105	222	131	163	176	281
$1,000, 1987..	165	423	475	739	345	738	816	1 133
1982..	278	503	279	858	425	690	701	1 123
Rental of farmland......farms, 1987..	38	88	112	126	61	108	52	88
$1,000, 1987..	64	610	657	718	397	443	494	793
Sales of forest products and Christmas trees......farms, 1987..	9	-	1	-	-	-	6	-
$1,000, 1987..	(D)	-	(D)	-	-	-	3	-
Other farm-related income sources......farms, 1987..	46	62	91	267	201	42	227	198
$1,000, 1987..	(D)	33	(D)	355	80	21	273	227
COMMODITY CREDIT CORPORATION LOANS								
Total......farms, 1987..	152	362	356	758	472	476	621	877
1982..	96	210	175	410	301	233	445	366
$1,000, 1987..	1 830	11 260	10 055	24 135	16 520	12 004	22 666	21 959
1982..	1 570	6 197	6 471	12 852	12 172	5 331	17 253	9 732
Corn......farms, 1987..	144	352	354	750	468	466	615	866
$1,000, 1987..	(D)	8 876	8 169	18 220	11 386	9 511	17 316	17 844
Wheat......farms, 1987..	-	-	4	-	1	2	-	3
$1,000, 1987..	-	-	3	-	(D)	(D)	-	(D)
Soybeans......farms, 1987..	28	115	77	289	216	135	230	228
$1,000, 1987..	(D)	(D)	1 883	(D)	(D)	2 491	5 351	4 106
Sorghum, barley, and oats......farms, 1987..	-	-	-	1	-	1	-	4
$1,000, 1987..	-	-	-	(D)	-	(D)	-	(D)
Cotton......farms, 1987..	-	-	-	-	-	-	-	-
$1,000, 1987..	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey......farms, 1987..	1	1	-	1	-	-	-	-
$1,000, 1987..	(D)	(D)	-	(D)	-	-	-	-

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see text)[1] farms, 1987	987	1 001	1 651	1 047	701	1 035	973	1 177
$1,000, 1987	26 738	15 587	35 496	22 440	9 886	30 925	14 547	28 594
Average per farm dollars, 1987	27 090	15 571	21 500	21 433	14 106	29 879	14 951	24 294
Farms with net gains[2] number, 1987	808	619	1 198	771	519	828	663	891
$1,000, 1987	28 320	17 439	38 320	24 060	11 047	33 420	17 071	31 381
Average per farm dollars, 1987	35 050	28 173	31 987	31 207	21 286	40 362	25 749	35 220
Farms with net losses number, 1987	179	382	453	276	182	207	310	286
$1,000, 1987	1 583	1 853	2 824	1 620	1 159	2 495	2 524	2 788
Average per farm dollars, 1987	8 842	4 850	6 233	5 870	6 367	12 053	8 143	9 747
GOVERNMENT PAYMENTS								
Total received farms, 1987	860	583	1 133	803	498	840	664	906
$1,000, 1987	14 154	8 244	19 074	11 602	4 881	12 338	12 333	13 596
Average per farm dollars, 1987	16 458	14 140	16 835	14 448	9 801	14 689	18 574	15 006
Amount received in cash farms, 1987	807	519	1 092	745	426	794	626	847
$1,000, 1987	6 898	4 033	9 598	5 403	1 950	6 083	6 175	6 802
Value of commodity certificates received farms, 1987	832	548	1 069	759	467	805	628	848
$1,000, 1987	7 256	4 211	9 475	6 199	2 931	6 256	6 158	6 794
OTHER FARM-RELATED INCOME								
Gross before taxes and expenses[1] farms, 1987	222	327	465	269	204	295	335	338
$1,000, 1987	772	946	2 188	1 021	809	1 567	1 759	1 583
Average per farm dollars, 1987	3 480	2 892	4 705	3 795	3 964	5 313	5 250	4 683
Customwork and other agricultural services[3] farms, 1987	127	121	269	127	105	173	99	164
1982	192	113	249	175	90	192	126	191
$1,000, 1987	517	352	1 131	438	283	938	426	524
1982	859	354	920	604	237	712	318	666
Rental of farmland farms, 1987	40	113	136	106	57	73	122	131
$1,000, 1987	115	452	899	534	445	569	920	986
Sales of forest products and Christmas trees farms, 1987	-	16	9	-	-	-	8	8
$1,000, 1987	-	35	(D)	-	-	-	2	8
Other farm-related income sources farms, 1987	87	139	144	61	56	92	174	75
$1,000, 1987	141	107	(D)	49	80	60	391	65
COMMODITY CREDIT CORPORATION LOANS								
Total farms, 1987	659	379	777	514	233	622	432	738
1982	416	285	408	303	137	314	162	407
$1,000, 1987	20 917	15 015	29 399	14 607	4 266	19 035	15 407	20 541
1982	14 587	11 804	15 759	11 071	2 761	12 945	6 396	10 651
Corn farms, 1987	651	373	765	507	226	608	430	733
$1,000, 1987	16 735	11 268	24 297	11 624	3 206	14 238	14 217	18 034
Wheat farms, 1987	-	1	-	-	-	-	-	-
$1,000, 1987	-	(D)	-	-	-	-	-	-
Soybeans farms, 1987	216	134	166	144	66	244	68	162
$1,000, 1987	4 183	3 729	(D)	(D)	1 060	4 762	(D)	2 302
Sorghum, barley, and oats farms, 1987	-	1	-	2	-	4	-	-
$1,000, 1987	-	(D)	-	(D)	-	(D)	-	-
Cotton farms, 1987	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey farms, 1987	-	3	4	-	-	1	1	4
$1,000, 1987	-	(D)	(D)	-	-	(D)	(D)	205

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text)[1]	farms, 1987	2 014	1 139	1 404	774	694	783	899	1 310
	$1,000, 1987	68 500	27 562	23 610	10 677	9 815	5 779	6 685	12 968
Average per farm	dollars, 1987	34 012	24 199	16 816	13 795	14 143	7 381	7 436	9 899
Farms with net gains[2]	number, 1987	1 555	787	979	546	487	463	498	800
	$1,000, 1987	73 443	30 208	27 324	11 642	10 939	7 900	8 511	15 728
Average per farm	dollars, 1987	47 230	38 384	27 911	21 322	22 461	17 063	17 090	19 660
Farms with net losses	number, 1987	459	352	425	228	207	320	401	510
	$1,000, 1987	4 943	2 646	3 714	965	1 124	2 121	1 826	2 759
Average per farm	dollars, 1987	10 770	7 517	8 739	4 233	5 428	6 629	4 552	5 411
GOVERNMENT PAYMENTS									
Total received	farms, 1987	1 351	824	1 000	519	432	519	438	675
	$1,000, 1987	18 635	13 577	17 056	6 454	4 581	4 982	5 210	6 295
Average per farm	dollars, 1987	13 794	16 477	17 056	12 436	10 603	9 599	11 895	9 326
Amount received in cash	farms, 1987	1 265	768	921	457	374	468	396	591
	$1,000, 1987	9 763	6 769	8 249	2 572	1 984	2 156	2 453	2 963
Value of commodity certificates received	farms, 1987	1 265	783	953	499	401	488	413	626
	$1,000, 1987	8 873	6 808	8 807	3 882	2 596	2 826	2 756	3 332
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses[1]	farms, 1987	687	262	361	175	184	165	159	245
	$1,000, 1987	3 065	1 410	1 985	590	581	445	572	1 082
Average per farm	dollars, 1987	4 462	5 381	5 500	3 372	3 157	2 700	3 600	4 416
Customwork and other agricultural services[3]	farms, 1987	382	143	169	109	71	115	85	98
	1982	354	177	262	125	100	116	90	162
	$1,000, 1987	1 853	963	536	435	275	196	323	532
	1982	1 536	978	1 058	410	368	336	248	458
Rental of farmland	farms, 1987	131	80	127	40	71	38	52	102
	$1,000, 1987	863	335	1 332	136	273	223	197	488
Sales of forest products and Christmas trees	farms, 1987	-	10	-	4	10	8	9	-
	$1,000, 1987	-	2	-	3	3	10	(D)	-
Other farm-related income sources	farms, 1987	344	75	138	23	70	26	30	76
	$1,000, 1987	349	110	118	15	30	17	(D)	61
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1987	935	614	718	317	249	268	227	357
	1982	450	409	413	209	122	185	150	164
	$1,000, 1987	25 223	22 136	24 282	7 717	5 204	5 109	6 450	8 351
	1982	11 371	15 553	15 391	5 624	2 921	5 570	5 240	4 918
Corn	farms, 1987	919	606	709	306	243	258	226	352
	$1,000, 1987	20 742	16 639	20 083	5 447	3 925	3 852	5 191	6 752
Wheat	farms, 1987	-	1	-	-	1	-	-	-
	$1,000, 1987	-	(D)	-	-	(D)	-	-	-
Soybeans	farms, 1987	248	221	215	115	78	72	61	85
	$1,000, 1987	4 464	5 476	4 199	2 271	(D)	1 257	(D)	1 599
Sorghum, barley, and oats	farms, 1987	1	-	-	-	1	-	2	-
	$1,000, 1987	(D)	-	-	-	(D)	-	(D)	-
Cotton	farms, 1987	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	4	3	-	-	-	-	-	-
	$1,000, 1987	(D)	(D)	-	-	-	-	-	-

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
NET CASH RETURN								
Net cash return from agricultural sales for the farm unit (see text)[1] farms, 1987	1 157	742	1 235	742	1 633	1 361	667	882
$1,000, 1987	24 755	6 591	39 764	12 899	32 486	25 653	9 847	27 417
Average per farm dollars, 1987	21 396	8 883	32 198	17 385	19 893	18 848	14 764	31 085
Farms with net gains[2] number, 1987	836	441	993	514	1 127	910	427	703
$1,000, 1987	27 388	8 371	40 970	14 867	36 350	28 580	12 130	29 076
Average per farm dollars, 1987	32 761	18 983	41 259	28 924	32 254	31 406	28 407	41 380
Farms with net losses number, 1987	321	301	242	228	506	451	240	179
$1,000, 1987	2 633	1 780	1 206	1 968	3 865	2 927	2 282	1 659
Average per farm dollars, 1987	8 202	5 913	4 983	8 630	7 638	6 490	9 509	9 269
GOVERNMENT PAYMENTS								
Total received farms, 1987	818	517	973	600	1 003	922	537	753
$1,000, 1987	12 382	5 814	15 283	12 347	11 982	17 596	11 889	15 522
Average per farm dollars, 1987	15 137	11 246	15 707	20 579	11 947	19 085	22 140	20 613
Amount received in cash farms, 1987	769	429	896	562	925	848	523	710
$1,000, 1987	6 044	2 114	7 299	6 143	5 752	8 158	5 737	7 602
Value of commodity certificates received farms, 1987	763	484	934	564	940	866	502	723
$1,000, 1987	6 338	3 701	7 984	6 204	6 231	9 438	6 153	7 920
OTHER FARM-RELATED INCOME								
Gross before taxes and expenses[1] farms, 1987	256	127	392	266	602	449	230	303
$1,000, 1987	1 786	407	1 117	849	1 931	2 395	971	1 257
Average per farm dollars, 1987	6 978	3 202	2 848	3 193	3 207	5 335	4 221	4 148
Customwork and other agricultural services[3] farms, 1987	143	73	238	110	278	231	87	184
1982	162	95	198	137	255	211	135	174
$1,000, 1987	687	328	767	264	850	915	248	804
1982	489	417	949	528	652	1 064	498	862
Rental of farmland farms, 1987	106	29	43	49	153	148	50	54
$1,000, 1987	1 026	67	191	424	660	1 298	552	372
Sales of forest products and Christmas trees farms, 1987	10	11	9	8	20	6	-	1
$1,000, 1987	15	5	40	27	143	1	-	(D)
Other farm-related income sources farms, 1987	36	27	147	178	312	200	154	148
$1,000, 1987	58	7	118	135	277	181	171	(D)
COMMODITY CREDIT CORPORATION LOANS								
Total farms, 1987	563	267	742	480	583	604	406	588
1982	275	141	408	369	244	400	328	360
$1,000, 1987	15 928	5 586	26 624	20 126	11 121	22 285	16 831	25 186
1982	11 605	3 298	15 432	20 228	5 331	16 843	16 206	16 857
Corn farms, 1987	558	266	733	478	577	596	403	578
$1,000, 1987	13 790	4 323	19 465	15 779	10 523	18 832	13 816	19 643
Wheat farms, 1987	2	1	-	-	-	1	-	-
$1,000, 1987	(D)	(D)	-	-	-	(D)	-	-
Soybeans farms, 1987	128	76	288	190	35	141	138	194
$1,000, 1987	(D)	(D)	(D)	4 347	(D)	3 096	3 015	5 544
Sorghum, barley, and oats farms, 1987	1	-	-	-	2	1	-	-
$1,000, 1987	(D)	-	-	-	(D)	(D)	-	-
Cotton farms, 1987	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey farms, 1987	-	-	1	-	-	3	-	-
$1,000, 1987	-	-	(D)	-	-	(D)	-	-

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[1] Data are based on a sample of farms.
[2] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.
[3] Data for 1987 are based on a sample of farms; data for 1982 are nonsample.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
FARMS AND LAND IN FARMS								
Farms	number, 1987	105 180	970	688	1 062	891	851	1 434
	1982	115 413	1 065	737	1 134	900	905	1 565
Land in farms	acres, 1987	31 638 130	353 365	243 607	321 226	244 661	268 437	419 480
	1982	32 611 964	355 269	254 071	351 756	236 501	283 782	441 810
Average size of farm	acres, 1987	301	364	354	302	275	315	293
	1982	283	334	345	310	263	314	279
Value of land and buildings[1]:								
Average per farm	dollars, 1987	283 597	244 037	172 243	182 659	135 171	294 253	322 996
	1982	471 011	378 361	297 486	330 978	202 034	451 875	589 524
Average per acre	dollars, 1987	947	652	505	653	466	880	1 125
	1982	1 684	1 102	926	1 078	790	1 443	2 131
Approximate land area	acres, 1987	35 817 836	364 569	271 968	405 356	318 528	284 460	459 731
Proportion in farms	percent, 1987	88.3	96.9	89.6	79.2	76.8	94.4	91.2
1987 size of farm:								
1 to 9 acres	farms	7 974	63	50	61	39	79	105
	acres	23 461	150	138	138	88	243	302
10 to 49 acres	farms	10 981	67	43	54	103	58	147
	acres	282 586	1 785	1 223	1 603	2 810	1 322	4 223
50 to 69 acres	farms	2 901	22	14	20	41	14	41
	acres	170 098	1 326	789	1 248	2 403	774	2 363
70 to 99 acres	farms	6 981	56	46	50	103	50	90
	acres	567 963	4 710	3 757	4 094	8 610	4 082	7 356
100 to 139 acres	farms	7 168	65	43	91	85	64	76
	acres	840 781	7 700	4 961	10 581	9 842	7 515	8 864
140 to 179 acres	farms	10 506	104	53	110	75	82	146
	acres	1 661 495	16 419	8 411	17 356	11 690	12 984	23 102
180 to 219 acres	farms	6 574	51	42	100	80	57	104
	acres	1 298 012	10 020	8 320	19 828	15 818	11 213	20 446
220 to 259 acres	farms	7 119	65	42	97	55	53	111
	acres	1 692 823	15 414	10 068	23 411	12 994	12 661	26 482
260 to 499 acres	farms	25 378	246	176	329	160	242	356
	acres	9 225 178	89 226	63 603	118 942	58 148	89 244	128 381
500 to 999 acres	farms	15 874	176	147	113	117	122	215
	acres	10 707 195	120 328	99 257	75 392	78 607	79 419	144 033
1,000 to 1,999 acres	farms	3 401	43	30	35	30	25	41
	acres	4 290 322	56 266	(D)	(D)	36 270	33 646	(D)
2,000 acres or more	farms	323	10	2	2	3	5	2
	acres	878 216	30 019	(D)	(D)	7 381	15 334	(D)
1982 size of farm:								
1 to 9 acres	farms	7 910	48	33	56	36	39	102
	acres	25 456	104	127	150	97	167	367
10 to 49 acres	farms	12 322	74	54	66	133	85	159
	acres	319 800	1 960	1 539	1 710	3 991	1 848	4 089
50 to 69 acres	farms	3 266	33	16	27	39	19	45
	acres	190 547	1 935	896	1 573	2 306	1 075	2 674
70 to 99 acres	farms	7 687	68	35	57	94	55	82
	acres	625 653	5 594	2 832	4 635	7 638	4 468	6 671
100 to 139 acres	farms	7 993	57	54	74	65	65	95
	acres	939 069	6 752	6 327	8 784	7 486	7 723	11 165
140 to 179 acres	farms	12 013	114	60	113	73	111	170
	acres	1 900 994	18 193	9 407	17 827	11 297	17 513	26 887
180 to 219 acres	farms	7 790	69	50	109	83	56	104
	acres	1 539 642	13 603	9 977	21 653	16 396	11 127	20 528
220 to 259 acres	farms	8 798	84	46	101	58	62	160
	acres	2 091 761	19 904	10 998	24 252	13 674	14 715	38 085
260 to 499 acres	farms	29 671	289	204	348	175	276	430
	acres	10 701 909	105 473	75 321	124 291	65 034	100 105	155 048
500 to 999 acres	farms	14 858	187	164	146	121	112	204
	acres	9 649 121	125 919	108 871	97 523	79 000	73 006	132 474
1,000 to 1,999 acres	farms	2 796	39	19	35	21	21	33
	acres	3 529 603	48 842	(D)	(D)	(D)	28 748	(D)
2,000 acres or more	farms	309	3	2	2	2	4	1
	acres	898 409	6 990	(D)	(D)	(D)	23 287	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1987	96 749	897	627	987	836	774	1 322
	1982	106 859	988	692	1 051	844	861	1 490
	acres, 1987	27 290 868	297 992	190 603	196 344	177 431	236 155	376 517
	1982	27 580 749	290 532	203 029	209 937	168 058	243 688	386 963
Harvested cropland	farms, 1987	92 878	859	587	928	761	721	1 276
	1982	103 844	963	662	1 021	794	820	1 434
	acres, 1987	20 484 178	196 940	115 592	140 120	94 539	172 611	301 315
	1982	24 137 670	217 307	142 514	171 287	98 079	207 627	352 554
Cropland used only for pasture or grazing	farms, 1987	36 766	572	361	551	533	333	516
	1982	41 995	627	415	564	469	464	604
	acres, 1987	2 283 547	58 765	38 995	28 406	64 138	18 839	21 731
	1982	2 500 266	61 255	48 291	33 767	57 693	28 835	23 406
Other cropland	farms, 1987	63 889	567	378	457	326	560	881
	1982	32 092	394	297	187	263	276	442
	acres, 1987	4 523 143	42 287	38 016	27 818	18 754	44 705	53 471
	1982	942 813	11 970	12 224	4 883	12 286	7 226	11 003
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	27 088	274	206	197	164	271	405
	1982	11 352	165	129	80	109	99	174
	acres, 1987	1 670 711	16 721	18 209	10 534	10 501	17 360	22 432
	1982	269 487	4 519	3 481	1 651	3 978	3 360	3 948

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
FARMS AND LAND IN FARMS								
Farms	number, 1987	1 269	1 029	1 140	1 332	1 097	1 294	992
	1982	1 352	1 153	1 287	1 403	1 185	1 467	1 164
Land in farms	acres, 1987	305 516	336 666	235 086	337 126	358 798	328 114	342 160
	1982	308 845	333 139	250 402	335 502	361 120	336 000	351 373
Average size of farm	acres, 1987	241	327	206	253	327	254	345
	1982	228	289	195	239	305	229	302
Value of land and buildings[1]:								
Average per farm	dollars, 1987	257 109	386 353	250 490	279 290	354 375	236 959	408 094
	1982	549 013	622 605	379 963	467 054	613 233	422 215	627 721
Average per acre	dollars, 1987	1 106	1 134	1 148	1 071	1 102	925	1 213
	1982	2 382	2 195	2 024	1 951	1 928	1 887	2 191
Approximate land area	acres, 1987	366 585	367 033	281 100	366 227	367 820	372 345	365 612
Proportion in farms	percent, 1987	83.3	91.7	83.6	92.1	97.5	88.1	93.6
1987 size of farm:								
1 to 9 acres	farms	152	71	116	91	81	129	61
	acres	536	282	368	286	199	457	166
10 to 49 acres	farms	198	125	172	163	65	155	71
	acres	5 131	3 232	4 383	4 321	1 389	3 632	1 742
50 to 69 acres	farms	41	25	46	43	11	16	16
	acres	2 433	1 444	2 649	2 478	643	914	912
70 to 99 acres	farms	123	78	81	118	66	75	64
	acres	9 972	6 192	6 535	9 603	5 200	6 020	5 133
100 to 139 acres	farms	74	78	130	160	47	92	46
	acres	8 616	9 076	15 241	18 787	5 550	10 868	5 440
140 to 179 acres	farms	140	79	132	167	136	152	94
	acres	22 064	12 464	20 891	26 311	21 654	23 951	14 902
180 to 219 acres	farms	69	59	82	74	45	82	50
	acres	13 765	11 647	16 219	14 600	8 937	16 225	9 770
220 to 259 acres	farms	56	52	80	69	85	120	63
	acres	13 291	12 242	18 897	16 553	20 367	28 446	15 029
260 to 499 acres	farms	231	234	205	249	326	295	288
	acres	82 747	87 752	73 607	92 441	122 107	107 746	106 886
500 to 999 acres	farms	151	179	78	163	205	155	204
	acres	101 953	124 468	52 537	107 909	134 288	101 538	135 092
1,000 to 1,999 acres	farms	33	45	18	34	28	23	32
	acres	(D)	58 978	23 759	(D)	(D)	28 313	40 816
2,000 acres or more	farms	1	4	-	1	2	-	3
	acres	(D)	8 989	-	(D)	(D)	-	6 270
1982 size of farm:								
1 to 9 acres	farms	154	87	109	88	75	139	78
	acres	578	313	409	306	241	483	260
10 to 49 acres	farms	202	139	173	175	69	190	102
	acres	5 154	3 634	4 496	4 647	1 725	4 628	2 396
50 to 69 acres	farms	53	32	47	57	10	39	19
	acres	3 183	1 851	2 693	3 336	541	2 314	1 126
70 to 99 acres	farms	136	72	142	106	61	83	62
	acres	10 948	5 967	11 689	8 729	4 886	6 753	4 935
100 to 139 acres	farms	102	84	150	148	56	116	73
	acres	12 105	9 727	17 477	17 350	6 421	13 634	8 559
140 to 179 acres	farms	140	105	144	178	159	177	105
	acres	22 111	16 554	22 791	28 121	25 285	28 075	16 723
180 to 219 acres	farms	79	83	113	103	52	93	64
	acres	15 578	16 473	22 206	20 311	10 405	18 160	12 829
220 to 259 acres	farms	79	52	85	91	114	148	82
	acres	18 827	12 625	20 246	21 624	27 222	35 170	19 530
260 to 499 acres	farms	245	292	238	308	388	356	372
	acres	88 191	107 489	84 164	112 465	142 320	126 819	136 631
500 to 999 acres	farms	135	171	75	118	180	105	179
	acres	89 452	112 026	48 766	76 903	114 993	69 419	113 583
1,000 to 1,999 acres	farms	22	32	9	28	20	19	27
	acres	29 088	39 214	(D)	35 250	(D)	(D)	(D)
2,000 acres or more	farms	5	3	2	3	1	2	1
	acres	13 630	7 266	(D)	6 460	(D)	(D)	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1987	1 150	962	1 027	1 233	1 014	1 162	938
	1982	1 238	1 069	1 193	1 303	1 111	1 330	1 101
	acres, 1987	279 149	302 707	211 488	307 384	330 950	295 618	323 346
	1982	275 325	292 241	218 515	298 379	326 123	296 489	322 766
Harvested cropland	farms, 1987	1 125	938	985	1 198	996	1 115	927
	1982	1 210	1 049	1 156	1 273	1 099	1 290	1 082
	acres, 1987	223 324	245 517	168 763	236 312	264 594	229 095	263 491
	1982	257 275	275 122	201 291	275 747	309 121	273 765	306 918
Cropland used only for pasture or grazing	farms, 1987	285	210	332	441	199	398	189
	1982	323	248	369	431	265	412	293
	acres, 1987	8 393	7 942	8 727	15 077	8 639	13 736	6 381
	1982	7 885	7 923	9 595	13 483	9 940	12 683	8 311
Other cropland	farms, 1987	783	690	618	825	842	823	753
	1982	352	393	373	382	323	411	327
	acres, 1987	47 432	49 248	33 998	55 995	57 717	52 787	53 474
	1982	10 165	9 196	7 629	9 149	7 062	10 041	7 537
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	331	269	288	390	305	331	238
	1982	131	151	158	151	112	148	82
	acres, 1987	17 721	16 764	13 671	23 006	18 202	18 449	13 508
	1982	4 149	3 256	2 716	3 016	1 843	3 546	1 572

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
FARMS AND LAND IN FARMS								
Farms	number, 1987	1 319	942	1 170	929	1 091	1 054	697
	1982	1 396	1 087	1 323	1 045	1 214	1 180	766
Land in farms	acres, 1987	366 656	333 063	345 483	317 974	338 708	276 216	229 423
	1982	363 436	345 726	349 453	327 445	340 594	289 542	236 759
Average size of farm	acres, 1987	278	354	295	342	310	262	329
	1982	260	318	264	313	281	245	309
Value of land and buildings[1]:								
Average per farm	dollars, 1987	305 600	264 475	338 007	336 269	336 905	228 742	168 690
	1982	469 519	412 736	604 251	616 889	448 084	386 711	289 453
Average per acre	dollars, 1987	1 088	753	1 209	1 040	1 028	850	489
	1982	1 839	1 310	2 233	2 010	1 689	1 560	857
Approximate land area	acres, 1987	364 787	361 548	372 691	364 422	369 344	322 899	275 833
Proportion in farms	percent, 1987	100.5	92.1	92.7	87.3	91.7	85.5	83.2
1987 size of farm:								
1 to 9 acres	farms	121	66	103	61	86	73	38
	acres	429	186	270	267	249	253	86
10 to 49 acres	farms	97	85	98	138	96	105	64
	acres	2 094	1 996	2 550	3 002	2 737	2 858	1 831
50 to 69 acres	farms	18	14	22	19	11	35	20
	acres	1 057	862	1 344	1 054	637	2 144	1 194
70 to 99 acres	farms	55	59	76	52	60	94	53
	acres	4 372	4 783	6 242	4 321	4 801	7 646	4 356
100 to 139 acres	farms	101	49	66	37	53	87	51
	acres	12 013	5 621	7 856	4 389	6 220	10 070	5 980
140 to 179 acres	farms	150	88	141	72	98	114	65
	acres	23 552	13 811	22 349	11 344	15 589	17 795	10 216
180 to 219 acres	farms	89	57	76	37	68	79	44
	acres	17 526	11 211	14 997	7 346	13 466	15 393	8 556
220 to 259 acres	farms	125	74	68	56	76	70	47
	acres	29 771	17 718	16 352	(D)	18 086	16 583	11 145
260 to 499 acres	farms	364	222	313	227	342	257	165
	acres	130 199	80 939	114 538	(D)	125 725	92 503	59 917
500 to 999 acres	farms	174	176	179	186	170	118	117
	acres	114 042	125 032	120 698	126 950	112 576	81 219	78 226
1,000 to 1,999 acres	farms	25	47	27	39	31	20	29
	acres	31 601	58 958	(D)	50 144	38 622	(D)	37 476
2,000 acres or more	farms	-	5	1	5	-	2	4
	acres	-	11 964	(D)	13 538	-	(D)	10 440
1982 size of farm:								
1 to 9 acres	farms	115	72	111	80	94	103	34
	acres	351	228	312	292	246	352	119
10 to 49 acres	farms	81	103	120	142	99	136	79
	acres	2 006	2 437	3 309	3 379	2 622	3 788	2 073
50 to 69 acres	farms	29	29	34	21	15	44	21
	acres	1 680	1 767	1 967	1 195	828	2 582	1 214
70 to 99 acres	farms	63	61	86	58	66	87	53
	acres	5 138	4 630	6 935	4 726	5 378	6 962	4 374
100 to 139 acres	farms	99	66	101	55	65	107	73
	acres	11 643	7 620	11 887	6 552	7 574	12 650	8 460
140 to 179 acres	farms	197	92	162	85	133	132	79
	acres	31 218	14 505	25 689	13 385	21 312	20 643	12 452
180 to 219 acres	farms	127	68	102	63	95	94	43
	acres	25 142	13 394	20 300	12 566	18 810	18 480	8 535
220 to 259 acres	farms	139	102	98	81	91	80	53
	acres	32 930	24 217	23 362	19 130	21 768	18 912	12 732
260 to 499 acres	farms	392	274	336	269	386	266	180
	acres	141 082	99 908	120 315	98 791	139 578	93 762	66 115
500 to 999 acres	farms	134	182	141	141	152	98	126
	acres	83 969	122 375	94 693	92 978	100 165	65 693	81 697
1,000 to 1,999 acres	farms	19	32	32	42	18	30	22
	acres	(D)	38 981	40 684	54 686	22 313	37 178	28 958
2,000 acres or more	farms	1	6	-	8	-	3	3
	acres	(D)	15 464	-	19 765	-	8 540	10 030
LAND IN FARMS ACCORDING TO USE								
Total cropland	farms, 1987	1 203	866	1 067	866	1 009	983	630
	1982	1 277	1 008	1 211	963	1 110	1 087	716
	acres, 1987	336 646	291 489	303 044	297 124	292 532	245 939	165 204
	1982	326 860	298 951	308 667	300 427	290 172	252 443	173 440
Harvested cropland	farms, 1987	1 164	834	1 012	847	979	953	586
	1982	1 248	964	1 172	945	1 095	1 051	677
	acres, 1987	270 392	213 323	230 081	233 423	230 141	187 589	93 996
	1982	300 937	246 427	281 855	281 033	262 179	232 837	114 076
Cropland used only for pasture or grazing	farms, 1987	392	433	393	233	350	311	371
	1982	484	540	488	245	377	364	414
	acres, 1987	16 027	33 588	18 002	9 480	20 636	11 898	45 143
	1982	18 904	39 577	21 274	7 679	21 661	12 040	51 421
Other cropland	farms, 1987	850	583	742	641	711	671	330
	1982	305	432	264	370	277	348	258
	acres, 1987	50 227	44 578	54 961	54 221	41 755	46 512	26 065
	1982	7 019	12 947	5 538	11 715	6 332	7 566	7 943
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	301	284	337	274	251	273	178
	1982	114	178	89	110	74	104	116
	acres, 1987	14 860	17 944	22 563	18 746	13 956	16 637	12 977
	1982	2 243	3 935	1 544	2 995	1 614	1 747	3 084

See footnotes at end of table.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
FARMS AND LAND IN FARMS							
Farms ....number, 1987..	877	1 705	1 437	1 339	1 081	921	715
1982..	1 045	1 725	1 570	1 511	1 208	954	769
Land in farms ....acres, 1987..	315 558	450 742	376 952	406 895	328 319	266 990	278 714
1982..	347 722	447 361	398 062	426 523	346 023	278 852	300 684
Average size of farm ....acres, 1987..	360	264	262	304	304	290	390
1982..	333	259	254	282	286	292	391
Value of land and buildings[1]:							
Average per farm ....dollars, 1987..	368 560	238 246	260 515	232 297	361 994	127 889	184 389
1982..	600 418	372 230	513 845	347 996	550 247	248 128	293 190
Average per acre ....dollars, 1987..	1 013	905	980	782	1 151	453	459
1982..	1 805	1 401	2 130	1 243	1 889	810	787
Approximate land area ....acres, 1987..	363 904	498 252	444 768	457 248	378 092	322 540	342 483
Proportion in farms ....percent, 1987..	86.7	90.5	84.8	89.0	86.8	82.8	81.4
1987 size of farm:							
1 to 9 acres ....farms..	78	116	115	120	85	44	34
acres..	204	279	342	292	331	139	88
10 to 49 acres ....farms..	64	119	172	149	188	99	65
acres..	1 603	3 190	4 070	3 638	4 889	2 836	1 744
50 to 69 acres ....farms..	5	52	36	25	46	42	21
acres..	285	3 087	2 125	1 467	2 698	2 460	1 269
70 to 99 acres ....farms..	48	107	95	69	97	94	60
acres..	3 798	8 862	7 801	5 628	7 909	7 719	4 880
100 to 139 acres ....farms..	35	144	115	66	73	89	57
acres..	4 269	16 993	13 757	7 794	8 534	10 463	6 778
140 to 179 acres ....farms..	89	194	143	134	79	88	63
acres..	14 027	30 659	22 625	21 110	12 424	13 928	9 980
180 to 219 acres ....farms..	41	174	115	77	52	76	47
acres..	(D)	34 187	22 734	15 199	10 255	14 986	9 372
220 to 259 acres ....farms..	46	143	93	107	55	59	41
acres..	(D)	33 997	22 175	25 549	12 984	14 061	9 823
260 to 499 acres ....farms..	243	434	339	336	186	175	150
acres..	90 228	152 070	121 963	123 497	67 717	62 503	56 688
500 to 999 acres ....farms..	193	194	185	211	161	118	123
acres..	133 343	128 431	122 955	141 374	111 217	78 738	81 824
1,000 to 1,999 acres ....farms..	33	25	29	42	51	29	39
acres..	(D)	32 772	36 405	53 551	66 422	38 078	49 662
2,000 acres or more ....farms..	2	3	-	3	8	8	15
acres..	(D)	6 215	-	7 798	22 939	21 088	46 606
1982 size of farm:							
1 to 9 acres ....farms..	58	78	128	92	81	32	37
acres..	182	223	393	258	319	98	145
10 to 49 acres ....farms..	94	140	194	155	214	102	73
acres..	2 379	3 816	4 845	3 972	5 475	3 049	1 925
50 to 69 acres ....farms..	13	46	36	50	47	42	20
acres..	807	2 716	2 085	2 924	2 824	2 467	1 170
70 to 99 acres ....farms..	62	120	89	87	106	88	55
acres..	4 992	9 944	7 149	7 007	8 656	7 171	4 427
100 to 139 acres ....farms..	52	150	140	85	74	126	54
acres..	6 161	17 957	16 757	10 024	8 542	14 796	6 535
140 to 179 acres ....farms..	108	201	155	144	85	86	71
acres..	17 007	31 707	24 531	22 840	13 430	13 570	11 370
180 to 219 acres ....farms..	48	206	129	111	55	63	38
acres..	9 521	40 844	25 281	21 770	10 767	12 504	7 467
220 to 259 acres ....farms..	79	138	111	133	73	65	52
acres..	18 778	32 663	26 406	31 763	17 387	15 321	12 320
260 to 499 acres ....farms..	307	445	387	423	250	177	193
acres..	110 975	157 265	139 946	152 890	91 351	63 061	71 948
500 to 999 acres ....farms..	187	170	165	198	175	130	120
acres..	128 483	110 206	107 228	129 651	117 706	85 149	80 701
1,000 to 1,999 acres ....farms..	36	30	36	31	42	39	42
acres..	(D)	(D)	43 441	(D)	53 317	49 682	54 225
2,000 acres or more ....farms..	1	1	-	2	6	4	14
acres..	(D)	(D)	-	(D)	16 247	11 984	48 451
LAND IN FARMS ACCORDING TO USE							
Total cropland ....farms, 1987..	805	1 578	1 319	1 198	987	853	647
1982..	978	1 605	1 438	1 413	1 110	885	703
acres, 1987..	288 126	330 458	337 038	359 327	288 548	185 649	177 836
1982..	311 666	312 730	349 969	367 396	294 781	196 921	197 632
Harvested cropland ....farms, 1987..	795	1 508	1 256	1 128	947	795	581
1982..	957	1 563	1 394	1 349	1 079	847	667
acres, 1987..	229 226	240 158	258 502	264 366	223 550	107 597	97 184
1982..	289 853	264 630	321 273	311 178	272 553	136 324	131 493
Cropland used only for pasture or grazing ..... farms, 1987..	180	861	466	597	270	515	374
1982..	262	916	511	758	289	504	389
acres, 1987..	10 047	41 152	19 967	38 964	16 097	48 429	53 263
1982..	13 740	41 222	21 130	43 787	13 652	51 178	58 652
Other cropland ....farms, 1987..	647	784	880	794	647	356	312
1982..	299	268	313	460	310	263	182
acres, 1987..	48 853	49 148	58 569	55 997	48 901	29 623	27 389
1982..	8 073	6 878	7 566	12 431	8 576	9 419	7 687
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ....farms, 1987..	214	345	393	314	290	198	179
1982..	83	114	130	178	139	80	58
acres, 1987..	12 174	20 941	25 260	18 297	17 574	15 398	14 114
1982..	2 010	2 315	2 874	4 786	3 643	2 588	2 049

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
FARMS AND LAND IN FARMS									
Farms	number, 1987	1 452	753	593	1 689	609	1 510	985	1 012
	1982	1 481	815	652	1 708	714	1 641	1 097	1 168
Land in farms	acres, 1987	353 940	210 843	211 002	334 112	227 932	420 682	296 486	346 369
	1982	351 861	224 770	227 557	338 912	245 412	437 010	301 722	366 773
Average size of farm	acres, 1987	244	280	356	198	374	279	301	342
	1982	238	276	349	198	344	266	275	314
Value of land and buildings[1]:									
Average per farm	dollars, 1987	261 096	292 827	344 460	215 749	390 667	252 587	269 842	355 919
	1982	524 076	457 121	569 368	360 172	715 637	460 057	552 887	693 421
Average per acre	dollars, 1987	1 100	1 075	975	1 135	1 036	906	947	1 060
	1982	2 253	1 712	1 731	1 805	2 068	1 708	1 992	2 219
Approximate land area	acres, 1987	369 888	264 960	243 577	388 268	252 025	468 019	320 870	372 857
Proportion in farms	percent, 1987	95.7	79.6	86.6	86.1	90.4	89.9	92.4	92.9
1987 size of farm:									
1 to 9 acres	farms	105	56	47	128	33	112	67	86
	acres	261	220	122	285	106	363	224	277
10 to 49 acres	farms	97	93	56	185	53	116	131	68
	acres	2 348	2 351	1 359	4 721	1 109	3 064	3 303	1 673
50 to 69 acres	farms	32	38	11	63	16	36	30	19
	acres	1 867	2 272	634	(D)	958	2 134	1 776	1 167
70 to 99 acres	farms	82	61	50	92	23	105	70	52
	acres	6 641	4 964	4 178	7 568	1 814	8 822	5 778	4 218
100 to 139 acres	farms	128	68	19	170	16	125	62	55
	acres	15 128	7 976	2 290	20 023	1 786	14 636	7 219	6 601
140 to 179 acres	farms	237	67	45	279	45	178	84	89
	acres	37 500	10 569	7 180	44 301	7 162	28 201	13 338	14 144
180 to 219 acres	farms	150	46	15	225	24	127	52	52
	acres	29 405	9 090	2 997	44 593	4 782	25 139	10 253	10 335
220 to 259 acres	farms	131	44	32	128	33	117	72	77
	acres	31 013	10 478	7 682	30 305	7 841	27 653	17 319	18 422
260 to 499 acres	farms	342	161	165	323	195	391	221	285
	acres	120 289	58 583	60 858	111 130	70 617	141 926	79 575	100 557
500 to 999 acres	farms	126	89	119	86	145	154	161	188
	acres	83 457	62 529	80 972	(D)	97 652	105 464	110 343	128 986
1,000 to 1,999 acres	farms	22	25	34	9	24	46	31	37
	acres	26 031	29 898	42 730	(D)	(D)	55 620	38 385	44 679
2,000 acres or more	farms	-	5	-	1	2	3	4	4
	acres	-	11 913	-	(D)	(D)	7 660	8 973	15 330
1982 size of farm:									
1 to 9 acres	farms	95	72	43	88	37	102	64	91
	acres	300	252	147	254	83	336	242	312
10 to 49 acres	farms	102	109	53	200	49	174	157	84
	acres	2 734	2 878	1 407	4 685	1 177	4 750	4 202	2 264
50 to 69 acres	farms	36	38	15	55	20	40	46	24
	acres	2 066	2 196	823	3 146	1 112	2 306	2 718	1 425
70 to 99 acres	farms	88	63	31	116	25	116	75	62
	acres	7 178	5 248	2 490	9 496	2 076	9 472	6 237	4 956
100 to 139 acres	farms	124	71	27	159	25	133	76	52
	acres	14 543	8 279	3 109	18 730	3 005	15 667	8 947	6 032
140 to 179 acres	farms	252	69	69	282	81	186	106	109
	acres	39 967	10 977	10 948	44 636	12 839	29 417	16 817	17 425
180 to 219 acres	farms	153	64	24	243	28	148	62	81
	acres	30 035	12 619	4 848	48 219	5 571	29 343	12 281	16 113
220 to 259 acres	farms	154	44	41	145	36	118	76	101
	acres	36 198	10 364	9 806	34 310	8 644	28 149	17 996	24 015
260 to 499 acres	farms	335	177	198	328	253	405	262	370
	acres	117 413	63 171	73 748	110 533	92 773	144 476	95 923	131 619
500 to 999 acres	farms	127	84	120	84	146	175	142	160
	acres	83 117	58 476	80 215	53 093	97 754	113 484	93 270	105 368
1,000 to 1,999 acres	farms	15	20	30	7	11	41	29	28
	acres	18 310	25 038	(D)	(D)	13 368	51 658	(D)	37 174
2,000 acres or more	farms	-	4	1	1	3	3	2	6
	acres	-	25 272	(D)	(D)	7 010	7 860	(D)	20 070
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1987	1 355	706	550	1 534	568	1 397	921	923
	1982	1 389	735	610	1 593	674	1 536	1 035	1 077
	acres, 1987	306 898	173 024	193 330	266 787	211 733	363 025	272 361	319 380
	1982	303 628	177 938	202 840	260 927	222 299	365 635	269 426	331 785
Harvested cropland	farms, 1987	1 315	686	534	1 469	553	1 353	888	900
	1982	1 368	719	598	1 549	665	1 493	1 001	1 065
	acres, 1987	242 896	133 157	151 322	206 380	165 963	279 159	215 365	251 619
	1982	275 074	160 662	186 783	223 575	207 784	330 393	253 591	309 260
Cropland used only for pasture or grazing	farms, 1987	625	230	152	809	101	582	210	170
	1982	670	218	167	792	157	655	265	241
	acres, 1987	24 007	12 039	6 863	33 359	5 678	23 086	7 282	7 127
	1982	21 568	10 454	9 887	31 692	8 683	24 224	6 697	11 137
Other cropland	farms, 1987	657	461	427	576	469	890	679	767
	1982	267	232	203	240	227	393	390	365
	acres, 1987	39 995	27 828	35 145	27 068	40 092	60 780	49 714	60 614
	1982	6 986	6 602	6 170	5 660	5 832	11 018	9 138	11 388
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	270	227	171	219	136	412	299	296
	1982	100	80	68	95	55	156	145	82
	acres, 1987	14 173	12 394	11 308	9 602	9 216	24 150	19 364	18 200
	1982	1 917	2 124	1 854	2 131	1 296	4 355	2 970	2 362

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARMS AND LAND IN FARMS									
Farms	number, 1987	719	948	1 037	980	1 026	1 052	1 065	1 024
	1982	771	1 054	1 135	1 105	1 158	1 176	1 206	1 192
Land in farms	acres, 1987	300 796	353 263	319 657	316 631	347 353	347 774	337 990	387 190
	1982	306 786	359 023	320 558	326 495	358 259	351 156	355 823	408 601
Average size of farm	acres, 1987	429	373	308	330	339	331	317	378
	1982	398	341	282	295	309	299	295	343
Value of land and buildings[1]:									
Average per farm	dollars, 1987	358 252	389 490	386 797	237 917	419 561	376 239	343 083	312 974
	1982	555 154	642 557	637 077	372 675	716 290	635 868	665 576	375 596
Average per acre	dollars, 1987	815	1 037	1 227	769	1 251	1 117	1 026	839
	1982	1 410	2 001	2 392	1 283	2 338	2 160	2 276	1 143
Approximate land area	acres, 1987	329 504	365 632	320 832	377 760	368 832	365 452	364 230	446 387
Proportion in farms	percent, 1987	93.7	96.6	99.6	83.8	94.2	95.2	92.8	86.7
1987 size of farm:									
1 to 9 acres	farms	59	81	108	58	84	64	115	60
	acres	145	214	352	154	277	165	318	159
10 to 49 acres	farms	58	85	78	100	75	61	86	98
	acres	1 582	2 365	1 863	2 728	1 950	1 562	2 305	2 661
50 to 69 acres	farms	13	24	15	32	20	10	16	25
	acres	756	1 416	899	1 860	1 153	578	902	1 459
70 to 99 acres	farms	50	36	53	62	63	52	56	44
	acres	4 019	2 947	4 196	5 035	5 118	4 179	4 662	3 661
100 to 139 acres	farms	36	28	52	70	54	40	65	70
	acres	4 320	3 217	6 219	8 120	6 339	4 690	7 606	8 069
140 to 179 acres	farms	56	82	150	92	87	151	85	81
	acres	8 815	12 973	23 773	14 529	13 669	23 879	13 397	12 890
180 to 219 acres	farms	32	53	50	60	63	48	75	53
	acres	6 359	10 443	10 003	11 900	12 414	9 410	14 842	10 262
220 to 259 acres	farms	30	45	106	50	65	75	71	57
	acres	7 134	(D)	25 344	11 892	15 355	17 834	16 913	13 614
260 to 499 acres	farms	151	252	238	218	287	328	266	252
	acres	55 869	(D)	86 487	79 706	105 510	119 013	100 033	92 368
500 to 999 acres	farms	162	210	146	176	190	199	192	222
	acres	111 539	144 362	100 722	121 340	129 742	134 663	131 504	149 944
1,000 to 1,999 acres	farms	65	47	36	36	34	26	34	54
	acres	86 992	59 094	44 427	44 747	44 326	31 801	(D)	69 321
2,000 acres or more	farms	7	5	5	6	4	-	2	8
	acres	21 246	12 542	15 372	14 600	11 498	-	(D)	22 742
1982 size of farm:									
1 to 9 acres	farms	50	69	107	67	87	70	132	66
	acres	143	295	365	188	250	225	421	227
10 to 49 acres	farms	56	73	95	138	90	64	98	117
	acres	1 416	1 741	2 223	3 879	2 247	1 689	2 365	3 230
50 to 69 acres	farms	16	18	17	29	11	11	28	33
	acres	905	1 034	981	1 651	629	634	1 560	1 939
70 to 99 acres	farms	54	54	71	88	75	62	70	55
	acres	4 362	4 409	5 605	7 139	6 023	5 000	5 669	4 504
100 to 139 acres	farms	34	37	64	77	69	47	58	74
	acres	4 034	4 365	7 501	8 977	8 231	5 692	6 927	8 699
140 to 179 acres	farms	59	94	174	97	100	181	123	87
	acres	9 430	14 954	27 499	15 337	15 907	28 610	19 258	13 609
180 to 219 acres	farms	40	70	78	60	80	76	77	77
	acres	8 046	13 917	15 476	11 863	15 959	15 069	15 260	15 177
220 to 259 acres	farms	45	61	125	73	95	123	106	85
	acres	10 736	14 369	29 801	17 516	22 655	29 233	25 164	20 296
260 to 499 acres	farms	188	322	251	289	336	361	323	319
	acres	70 383	116 431	89 436	106 683	120 821	129 272	116 361	118 512
500 to 999 acres	farms	178	198	119	154	181	156	151	228
	acres	121 174	135 334	79 913	106 295	118 313	103 339	100 545	152 950
1,000 to 1,999 acres	farms	46	35	27	31	32	22	35	46
	acres	59 376	43 398	36 386	(D)	(D)	25 246	46 286	58 730
2,000 acres or more	farms	5	3	7	2	2	3	7	5
	acres	16 781	8 776	25 370	(D)	(D)	7 147	16 007	10 728
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1987	657	868	943	865	959	990	964	954
	1982	723	967	1 038	1 011	1 074	1 120	1 097	1 115
	acres, 1987	268 547	320 413	298 268	260 062	325 528	328 038	305 339	328 917
	1982	266 574	320 091	295 171	262 379	326 699	324 774	315 745	347 293
Harvested cropland	farms, 1987	636	850	929	830	935	975	944	925
	1982	706	956	1 012	984	1 059	1 103	1 071	1 093
	acres, 1987	203 010	258 005	243 481	176 254	262 514	259 372	243 566	253 868
	1982	221 709	298 927	280 478	212 433	312 961	309 687	295 747	298 908
Cropland used only for pasture or grazing	farms, 1987	271	219	219	397	158	168	202	337
	1982	320	297	283	491	188	233	252	520
	acres, 1987	18 683	10 302	7 289	38 161	4 966	5 951	8 240	21 018
	1982	22 726	12 449	8 254	40 036	4 221	6 622	10 040	37 147
Other cropland	farms, 1987	507	680	708	554	803	850	750	730
	1982	351	324	252	350	395	360	378	396
	acres, 1987	46 854	52 106	47 498	45 647	58 048	62 715	53 533	54 031
	1982	22 139	8 715	6 439	9 906	9 517	8 465	9 958	11 238
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	299	269	252	276	249	327	242	283
	1982	140	126	92	139	93	79	118	124
	acres, 1987	22 034	17 717	16 204	18 480	16 879	20 255	15 328	15 379
	1982	3 907	2 490	1 734	4 209	1 836	1 882	2 337	2 718

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
FARMS AND LAND IN FARMS								
Farms ......number, 1987..	893	938	754	787	1 057	1 354	1 465	775
1982..	963	1 055	848	874	1 150	1 422	1 589	894
Land in farms ......acres, 1987..	231 617	269 285	275 393	260 103	329 705	345 612	427 196	234 816
1982..	239 403	278 861	275 422	259 676	361 465	347 358	447 362	247 992
Average size of farm ......acres, 1987..	259	287	365	330	312	255	292	303
1982..	249	264	325	297	314	244	282	277
Value of land and buildings[1]:								
Average per farm ......dollars, 1987..	274 058	209 318	395 920	340 405	262 675	188 218	264 082	242 323
1982..	428 883	342 330	722 805	441 650	502 028	370 878	447 734	356 150
Average per acre ......dollars, 1987..	975	737	1 089	956	873	794	928	818
1982..	1 745	1 403	2 181	1 587	1 560	1 477	1 683	1 367
Approximate land area ......acres, 1987..	278 988	302 585	279 353	276 416	375 833	408 332	468 012	281 386
Proportion in farms ......percent, 1987..	83.0	89.0	98.6	94.1	87.7	84.6	91.3	83.4
1987 size of farm:								
1 to 9 acres ......farms..	69	64	46	58	64	91	142	41
acres..	162	186	135	147	110	207	395	114
10 to 49 acres ......farms..	101	86	40	69	100	154	207	82
acres..	2 626	2 026	967	1 595	2 699	3 964	5 486	2 038
50 to 69 acres ......farms..	49	15	7	9	27	47	43	36
acres..	2 873	851	423	492	1 550	2 684	2 511	2 102
70 to 99 acres ......farms..	78	64	34	45	68	77	88	63
acres..	6 368	5 089	2 788	3 650	5 686	6 371	7 290	5 124
100 to 139 acres ......farms..	67	54	29	31	89	111	84	85
acres..	8 038	6 408	3 365	3 670	10 557	13 146	9 868	9 973
140 to 179 acres ......farms..	76	131	85	82	90	145	133	66
acres..	12 054	20 652	13 577	13 021	14 228	22 757	21 134	10 434
180 to 219 acres ......farms..	51	69	39	43	83	120	76	47
acres..	10 128	13 728	7 699	8 551	16 304	23 642	14 931	9 260
220 to 259 acres ......farms..	55	87	54	62	96	98	65	39
acres..	13 199	20 823	12 937	14 782	22 752	23 202	15 520	9 247
260 to 499 acres ......farms..	211	221	242	216	261	326	349	168
acres..	73 673	79 269	90 556	78 516	95 064	115 458	129 122	60 876
500 to 999 acres ......farms..	116	114	150	142	147	163	225	118
acres..	77 795	75 695	103 408	96 285	99 896	106 379	152 279	84 218
1,000 to 1,999 acres ......farms..	20	31	25	29	26	20	52	27
acres..	24 701	(D)	31 499	(D)	32 537	(D)	(D)	35 116
2,000 acres or more ......farms..	-	2	3	1	6	2	1	3
acres..	-	(D)	8 059	(D)	28 322	(D)	(D)	6 314
1982 size of farm:								
1 to 9 acres ......farms..	63	70	51	59	62	91	128	54
acres..	221	226	136	165	116	255	356	168
10 to 49 acres ......farms..	124	102	49	62	123	155	219	104
acres..	3 216	2 738	1 036	1 369	3 211	4 129	5 695	2 758
50 to 69 acres ......farms..	48	22	8	10	38	55	44	39
acres..	2 854	1 264	479	609	2 211	3 168	2 530	2 246
70 to 99 acres ......farms..	91	70	60	43	70	84	105	69
acres..	7 431	5 706	4 823	3 488	5 825	6 994	8 628	5 685
100 to 139 acres ......farms..	61	78	38	51	96	124	98	88
acres..	7 315	9 099	4 456	6 006	11 373	14 304	11 293	10 331
140 to 179 acres ......farms..	77	161	102	98	113	158	124	78
acres..	12 079	25 600	16 286	15 611	18 004	24 982	19 611	12 143
180 to 219 acres ......farms..	62	74	44	48	81	127	96	58
acres..	12 168	14 876	8 738	9 644	15 960	25 171	18 990	11 415
220 to 259 acres ......farms..	68	98	56	72	95	109	94	62
acres..	16 148	23 342	13 438	17 093	22 497	25 761	22 545	14 855
260 to 499 acres ......farms..	249	253	274	284	285	351	409	193
acres..	67 612	89 370	99 002	102 640	102 740	123 225	149 241	70 551
500 to 999 acres ......farms..	102	97	142	137	151	151	226	121
acres..	66 788	65 442	92 473	89 053	101 009	98 350	148 583	80 742
1,000 to 1,999 acres ......farms..	18	27	21	10	32	16	41	26
acres..	23 571	33 305	26 924	13 978	41 993	(D)	48 177	(D)
2,000 acres or more ......farms..	-	3	3	-	4	1	5	2
acres..	-	7 891	7 631	-	36 526	(D)	11 713	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland ......farms, 1987..	815	877	716	717	985	1 236	1 314	720
1982..	894	974	797	811	1 073	1 278	1 456	825
acres, 1987..	191 238	241 273	256 581	233 599	287 149	245 576	366 582	190 468
1982..	192 677	244 599	254 509	228 033	300 084	245 878	379 277	196 211
Harvested cropland ......farms, 1987..	771	856	706	687	947	1 160	1 240	685
1982..	867	959	793	772	1 036	1 238	1 403	782
acres, 1987..	138 792	178 288	214 069	176 524	203 549	164 703	276 515	139 236
1982..	170 664	217 734	244 570	201 685	236 744	193 184	324 626	159 843
Cropland used only for pasture or grazing ......farms, 1987..	281	321	83	327	560	700	581	312
1982..	331	397	122	387	625	688	692	415
acres, 1987..	14 278	14 429	2 761	19 997	39 885	47 669	33 109	20 886
1982..	15 575	17 636	4 787	20 179	45 592	47 539	39 896	27 801
Other cropland ......farms, 1987..	580	611	587	517	601	535	864	445
1982..	234	332	221	210	426	216	482	288
acres, 1987..	38 168	48 556	41 751	37 078	43 715	33 204	56 958	30 346
1982..	6 438	9 229	5 152	6 169	17 748	5 155	14 755	8 567
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ......farms, 1987..	291	279	148	200	310	188	420	248
1982..	84	123	42	63	153	96	162	147
acres, 1987..	16 492	17 691	7 589	11 255	20 394	9 947	25 403	15 953
1982..	1 573	2 912	630	1 366	4 820	2 181	3 897	3 293

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARMS AND LAND IN FARMS									
Farms	number, 1987	1 356	1 161	1 036	1 718	989	1 690	634	690
	1982	1 508	1 307	1 193	1 885	1 060	1 810	699	769
Land in farms	acres, 1987	305 634	322 206	343 164	599 153	266 090	356 000	198 855	206 519
	1982	328 240	336 524	350 693	611 480	266 741	368 525	208 670	219 497
Average size of farm	acres, 1987	225	278	331	349	269	211	314	299
	1982	218	257	294	324	252	204	299	285
Value of land and buildings[1]:									
Average per farm	dollars, 1987	254 265	272 757	299 094	405 311	226 981	245 298	345 395	146 104
	1982	433 308	437 471	416 496	706 001	283 376	422 663	530 770	258 029
Average per acre	dollars, 1987	1 167	977	843	1 158	810	1 147	1 104	488
	1982	2 008	1 709	1 413	2 172	1 165	2 108	1 774	905
Approximate land area	acres, 1987	393 049	368 812	371 315	623 321	334 028	463 340	257 305	276 793
Proportion in farms	percent, 1987	77.8	87.4	92.4	96.1	79.7	76.8	77.3	74.6
1987 size of farm:									
1 to 9 acres	farms	104	78	80	100	47	135	43	30
	acres	317	207	256	304	127	485	104	84
10 to 49 acres	farms	218	133	102	77	136	332	69	83
	acres	5 427	3 334	2 734	2 080	3 609	9 146	1 906	2 526
50 to 69 acres	farms	51	32	31	30	47	93	16	36
	acres	2 927	1 939	(D)	1 748	2 801	5 317	966	2 073
70 to 99 acres	farms	139	75	55	61	84	175	40	64
	acres	11 495	6 227	4 427	4 917	7 003	14 355	3 216	5 345
100 to 139 acres	farms	152	91	95	59	83	171	46	51
	acres	17 634	10 721	11 001	6 919	9 592	20 097	5 280	5 865
140 to 179 acres	farms	105	115	57	218	107	166	39	59
	acres	16 560	18 223	9 031	34 559	16 993	26 259	6 131	9 316
180 to 219 acres	farms	90	86	53	85	71	107	42	50
	acres	17 853	16 847	10 500	16 820	13 970	21 099	8 333	9 810
220 to 259 acres	farms	79	92	75	148	51	81	57	54
	acres	18 855	22 061	17 559	34 961	12 045	19 280	13 592	12 844
260 to 499 acres	farms	256	264	261	584	210	235	154	149
	acres	92 155	92 572	92 219	214 125	75 164	85 216	57 624	53 680
500 to 999 acres	farms	131	167	175	287	116	160	100	83
	acres	83 530	113 204	(D)	190 273	77 905	107 248	66 903	57 184
1,000 to 1,999 acres	farms	30	25	47	65	35	32	27	27
	acres	(D)	30 031	(D)	80 036	(D)	39 143	(D)	38 122
2,000 acres or more	farms	1	3	5	4	2	3	1	4
	acres	(D)	6 840	(D)	12 411	(D)	8 375	(D)	9 670
1982 size of farm:									
1 to 9 acres	farms	99	67	73	116	54	128	43	34
	acres	344	197	201	306	209	514	146	95
10 to 49 acres	farms	249	159	126	86	156	377	81	95
	acres	6 142	3 990	3 616	2 315	4 150	10 084	2 258	2 907
50 to 69 acres	farms	56	47	39	23	45	94	28	46
	acres	3 226	2 756	2 251	1 384	2 611	5 459	1 583	2 631
70 to 99 acres	farms	133	69	81	71	92	195	49	67
	acres	10 904	5 665	6 691	5 756	7 563	16 211	4 015	5 410
100 to 139 acres	farms	181	109	92	69	91	175	47	65
	acres	21 167	12 945	10 946	8 085	10 533	20 536	5 537	7 766
140 to 179 acres	farms	131	134	92	265	122	182	46	56
	acres	20 560	21 259	14 580	41 926	19 304	28 489	7 275	8 911
180 to 219 acres	farms	107	122	81	125	69	101	50	61
	acres	21 179	24 030	15 869	24 839	13 487	20 028	9 859	12 064
220 to 259 acres	farms	98	107	104	199	59	91	57	54
	acres	23 182	25 280	24 667	47 485	14 062	21 356	13 488	12 763
260 to 499 acres	farms	304	329	297	620	244	295	156	166
	acres	106 485	116 616	106 899	221 456	86 527	105 256	56 652	61 209
500 to 999 acres	farms	124	139	173	247	96	145	121	95
	acres	80 484	94 036	114 853	161 287	64 235	97 349	80 795	65 457
1,000 to 1,999 acres	farms	23	24	30	52	31	23	19	25
	acres	27 952	(D)	37 307	65 864	(D)	29 120	(D)	32 919
2,000 acres or more	farms	3	1	5	12	1	4	2	3
	acres	6 615	(D)	13 013	30 777	(D)	14 123	(D)	7 365
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1987	1 239	1 084	945	1 619	914	1 577	592	627
	1982	1 401	1 221	1 113	1 775	976	1 666	652	699
	acres, 1987	265 295	265 527	281 115	563 110	201 475	308 295	166 176	147 514
	1982	280 130	268 064	283 795	582 987	194 896	313 294	172 245	149 995
Harvested cropland	farms, 1987	1 178	1 023	892	1 601	882	1 502	571	568
	1982	1 329	1 176	1 065	1 760	939	1 614	630	656
	acres, 1987	198 971	194 962	198 455	459 047	149 934	242 679	130 805	77 713
	1982	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
Cropland used only for pasture or grazing	farms, 1987	589	514	479	249	374	621	174	387
	1982	727	566	575	335	384	570	190	390
	acres, 1987	27 269	26 317	33 364	8 862	19 811	23 793	8 447	47 751
	1982	32 947	28 975	39 146	10 006	21 799	19 262	9 730	45 475
Other cropland	farms, 1987	635	645	606	1 378	558	813	435	285
	1982	327	251	375	568	227	307	228	235
	acres, 1987	39 035	44 228	49 296	95 201	31 730	41 823	28 924	22 050
	1982	9 281	5 942	14 740	15 442	5 597	7 835	7 670	9 903
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	350	302	339	394	228	354	210	152
	1982	126	99	146	134	89	141	84	78
	acres, 1987	18 891	17 514	22 778	21 812	9 877	15 357	12 511	10 550
	1982	2 551	2 086	3 097	2 609	1 811	3 729	2 254	3 362

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
FARMS AND LAND IN FARMS									
Farms	number, 1987	1 234	1 059	1 193	1 131	1 073	641	939	854
	1982	1 391	1 154	1 265	1 231	1 201	684	1 011	933
Land in farms	acres, 1987	342 938	293 643	328 093	279 315	330 012	245 380	270 582	377 030
	1982	357 493	313 548	336 033	292 414	337 775	254 238	273 000	378 621
Average size of farm	acres, 1987	278	277	275	247	308	383	288	441
	1982	257	272	266	238	281	372	270	406
Value of land and buildings[1]:									
Average per farm	dollars, 1987	284 406	220 540	291 229	183 063	313 765	278 058	259 002	356 706
	1982	418 314	332 089	398 498	309 110	555 386	552 778	488 480	500 580
Average per acre	dollars, 1987	981	778	1 059	785	1 041	773	923	773
	1982	1 633	1 138	1 551	1 343	2 059	1 431	1 801	1 300
Approximate land area	acres, 1987	376 180	360 153	365 715	358 457	366 713	281 100	300 480	446 124
Proportion in farms	percent, 1987	91.2	81.5	89.7	77.9	90.0	87.3	90.0	84.5
1987 size of farm:									
1 to 9 acres	farms	125	75	95	102	94	37	97	50
	acres	327	198	286	316	316	96	267	136
10 to 49 acres	farms	84	159	124	177	130	90	90	52
	acres	1 966	4 599	3 416	4 537	3 349	2 368	2 287	1 473
50 to 69 acres	farms	18	54	47	55	37	23	22	24
	acres	1 049	3 220	2 797	3 227	2 102	1 392	1 328	1 365
70 to 99 acres	farms	58	111	73	91	66	26	49	50
	acres	4 739	9 005	5 924	7 204	5 318	2 149	4 078	4 084
100 to 139 acres	farms	40	93	99	94	68	47	54	55
	acres	4 743	10 865	11 389	10 943	7 884	5 496	6 284	6 395
140 to 179 acres	farms	189	88	103	110	89	39	85	69
	acres	29 938	13 642	16 335	17 341	14 214	6 244	13 589	10 867
180 to 219 acres	farms	65	46	80	66	54	28	55	38
	acres	12 850	9 041	15 862	12 922	10 429	5 470	10 977	7 556
220 to 259 acres	farms	105	60	79	52	79	36	76	56
	acres	25 068	14 574	18 609	12 312	18 814	8 618	18 377	13 314
260 to 499 acres	farms	375	194	303	228	222	131	250	190
	acres	134 392	71 010	109 501	93 965	81 352	46 919	89 943	70 440
500 to 999 acres	farms	151	135	163	128	188	139	134	177
	acres	36 272	93 300	108 727	87 159	128 254	97 039	89 896	(D)
1,000 to 1,999 acres	farms	24	39	25	27	44	38	23	79
	acres	29 574	48 914	(D)	(D)	(D)	49 434	(D)	(D)
2,000 acres or more	farms	-	5	2	1	2	7	2	14
	acres	-	14 275	(D)	(D)	(D)	18 153	(D)	34 285
1982 size of farm:									
1 to 9 acres	farms	127	81	87	93	110	40	72	53
	acres	352	263	278	323	390	163	241	176
10 to 49 acres	farms	90	187	135	200	147	100	111	52
	acres	2 377	5 378	3 716	5 108	3 646	2 638	2 866	1 566
50 to 69 acres	farms	20	49	41	46	50	17	11	25
	acres	1 178	2 886	2 391	2 684	2 832	1 008	659	1 491
70 to 99 acres	farms	90	110	74	107	79	42	51	50
	acres	7 278	9 016	5 947	8 725	6 424	3 370	4 264	4 019
100 to 139 acres	farms	40	94	97	118	60	38	71	65
	acres	4 699	11 291	11 310	13 711	7 163	4 403	8 246	7 585
140 to 179 acres	farms	249	76	131	95	112	46	109	77
	acres	39 495	12 020	20 771	15 075	17 708	7 175	17 181	12 244
180 to 219 acres	farms	76	62	83	66	79	26	60	49
	acres	15 084	12 072	16 311	13 067	15 529	5 183	11 978	9 684
220 to 259 acres	farms	126	65	89	67	82	39	100	55
	acres	30 136	15 500	20 922	16 046	19 511	9 245	23 872	13 224
260 to 499 acres	farms	423	247	357	290	286	154	296	231
	acres	150 826	88 629	126 337	105 572	106 572	57 032	105 141	83 336
500 to 999 acres	farms	135	144	149	128	157	132	111	205
	acres	86 135	98 059	97 493	85 567	103 577	91 001	73 082	140 935
1,000 to 1,999 acres	farms	13	34	19	21	35	46	17	61
	acres	(D)	44 410	21 909	26 536	44 204	60 687	(D)	78 480
2,000 acres or more	farms	2	5	3	-	4	4	2	10
	acres	(D)	14 124	8 648	-	10 019	12 333	(D)	25 881
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1987	1 108	962	1 096	1 032	977	603	842	799
	1982	1 261	1 031	1 158	1 131	1 102	646	934	875
	acres, 1987	312 475	212 601	277 151	223 313	283 898	218 646	247 794	320 615
	1982	318 196	219 533	281 184	222 895	296 090	219 717	243 120	315 883
Harvested cropland	farms, 1987	1 078	904	1 052	972	929	577	818	783
	1982	1 239	993	1 122	1 069	1 060	623	913	859
	acres, 1987	249 352	137 088	211 100	154 503	217 817	169 179	192 403	242 081
	1982	294 295	162 609	237 089	170 985	265 098	194 842	226 560	282 767
Cropland used only for pasture or grazing	farms, 1987	402	498	415	495	300	222	237	218
	1982	468	497	512	546	404	273	263	275
	acres, 1987	18 027	43 457	22 267	32 517	14 390	12 704	8 132	18 483
	1982	19 105	48 021	28 008	35 547	17 937	14 868	8 611	21 377
Other cropland	farms, 1987	788	529	694	548	694	429	618	613
	1982	216	343	365	359	419	227	321	304
	acres, 1987	44 296	32 056	43 784	36 293	61 681	36 763	47 259	60 051
	1982	4 796	8 903	16 087	16 363	13 055	10 007	7 949	11 739
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	235	238	348	314	371	230	294	219
	1982	71	122	117	154	186	89	121	89
	acres, 1987	11 490	13 740	20 357	19 142	29 402	17 523	19 734	17 042
	1982	1 549	2 843	2 318	3 449	3 931	2 178	2 507	2 119

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
FARMS AND LAND IN FARMS								
Farms .... number, 1987	736	701	901	1 232	731	1 015	934	1 740
1982	761	769	1 005	1 337	833	1 057	1 015	1 874
Land in farms .... acres, 1987	225 145	247 891	233 026	362 209	230 671	337 772	343 857	521 469
1982	222 200	253 540	238 127	362 863	246 057	333 108	345 327	518 018
Average size of farm .... acres, 1987	306	354	259	294	316	333	368	300
1982	292	330	237	271	295	315	340	276
Value of land and buildings[1]:								
Average per farm .... dollars, 1987	138 810	236 856	288 612	362 397	340 338	211 038	377 878	291 724
1982	201 585	432 464	460 399	552 892	552 899	340 781	670 355	454 705
Average per acre .... dollars, 1987	432	672	1 145	1 199	1 063	624	1 096	1 047
1982	763	1 373	1 830	2 030	1 820	1 106	2 124	1 679
Approximate land area .... acres, 1987	277 721	271 225	282 643	367 059	255 046	342 572	359 500	552 992
Proportion in farms .... percent, 1987	81.1	91.4	82.4	98.7	90.4	98.6	95.6	94.3
1987 size of farm:								
1 to 9 acres .... farms	34	39	65	117	63	58	65	133
acres	91	120	203	347	206	153	168	398
10 to 49 acres .... farms	67	63	156	77	45	99	51	145
acres	1 964	1 619	3 823	1 681	1 171	2 441	1 211	3 315
50 to 69 acres .... farms	33	21	31	9	11	27	17	24
acres	1 923	1 236	1 833	573	633	1 573	974	1 366
70 to 99 acres .... farms	67	41	67	94	30	81	42	108
acres	5 488	3 303	5 416	7 687	2 437	6 534	3 368	8 671
100 to 139 acres .... farms	79	47	69	54	20	56	38	88
acres	9 187	5 581	8 086	6 396	2 377	6 506	4 343	10 242
140 to 179 acres .... farms	67	46	92	135	105	85	97	198
acres	10 397	7 236	14 643	21 384	16 688	13 465	15 186	31 426
180 to 219 acres .... farms	37	49	52	56	46	55	36	89
acres	7 235	9 886	10 310	11 158	9 012	10 823	7 391	17 723
220 to 259 acres .... farms	44	43	53	114	71	63	48	148
acres	10 539	10 224	12 681	26 972	16 860	14 870	11 400	35 045
260 to 499 acres .... farms	170	170	168	377	217	246	283	504
acres	63 297	65 063	60 344	138 448	80 595	91 838	104 949	182 209
500 to 999 acres .... farms	113	153	121	168	96	210	209	253
acres	75 299	103 802	81 907	109 677	65 171	144 474	138 307	165 365
1,000 to 1,999 acres .... farms	20	28	26	30	25	34	46	47
acres	24 972	(D)	(D)	(D)	(D)	(D)	56 560	58 828
2,000 acres or more .... farms	5	1	1	1	2	1	-	3
acres	14 753	(D)	(D)	(D)	(D)	(D)	-	6 881
1982 size of farm:								
1 to 9 acres .... farms	28	51	85	121	72	60	47	127
acres	73	170	248	318	244	192	114	366
10 to 49 acres .... farms	74	80	169	63	39	100	64	145
acres	2 105	2 071	4 166	1 531	973	2 882	1 742	3 629
50 to 69 acres .... farms	43	22	36	12	4	28	8	36
acres	2 561	1 219	2 112	679	220	1 686	449	2 127
70 to 99 acres .... farms	58	40	77	90	49	72	58	119
acres	4 872	3 191	6 341	7 302	3 930	5 705	4 668	9 576
100 to 139 acres .... farms	83	41	68	54	32	71	54	103
acres	9 837	4 742	7 767	6 304	3 731	8 286	6 398	12 024
140 to 179 acres .... farms	64	54	95	193	121	85	88	215
acres	10 195	8 423	14 979	30 563	19 255	13 333	13 772	34 238
180 to 219 acres .... farms	49	50	54	72	51	62	59	117
acres	9 520	9 857	10 750	14 315	10 136	12 315	11 662	23 117
220 to 259 acres .... farms	62	47	57	166	71	60	80	194
acres	14 858	11 129	13 687	39 502	16 901	14 198	18 825	45 944
260 to 499 acres .... farms	160	208	235	411	289	299	345	574
acres	57 017	76 949	83 675	148 172	106 141	108 753	127 932	206 012
500 to 999 acres .... farms	116	155	115	134	85	190	182	210
acres	75 206	106 762	75 894	87 709	56 631	126 922	122 452	137 009
1,000 to 1,999 acres .... farms	21	19	13	21	18	29	29	31
acres	25 713	(D)	(D)	26 466	(D)	(D)	(D)	37 473
2,000 acres or more .... farms	3	2	1	-	2	1	1	3
acres	10 243	(D)	(D)	-	(D)	(D)	(D)	6 503
LAND IN FARMS ACCORDING TO USE								
Total cropland .... farms, 1987	686	654	832	1 126	682	951	876	1 595
1982	702	717	925	1 210	772	1 006	966	1 735
acres, 1987	147 087	217 733	199 021	331 555	215 844	284 766	321 339	465 370
1982	148 201	219 876	196 889	328 168	227 200	281 529	318 155	450 782
Harvested cropland .... farms, 1987	634	627	801	1 104	676	908	867	1 545
1982	667	689	899	1 200	758	961	956	1 691
acres, 1987	75 582	160 388	153 624	269 638	178 191	202 414	251 951	359 863
1982	87 094	181 743	176 723	311 705	213 158	221 793	300 211	409 614
Cropland used only for pasture or grazing .... farms, 1987	404	309	295	223	148	533	162	588
1982	404	376	327	264	214	570	224	696
acres, 1987	48 735	23 663	14 368	10 037	4 294	44 787	7 446	29 347
1982	51 382	29 308	14 889	9 419	6 733	46 194	7 561	33 541
Other cropland .... farms, 1987	316	452	509	883	526	599	753	1 170
1982	222	305	178	281	230	453	367	305
acres, 1987	22 770	33 682	31 029	51 880	33 359	37 565	61 942	76 160
1982	9 725	8 825	5 277	7 044	7 309	13 542	10 383	7 627
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured .... farms, 1987	175	265	234	262	153	350	225	422
1982	70	119	57	85	64	208	89	100
acres, 1987	10 762	17 344	12 402	14 576	7 749	20 521	14 267	23 777
1982	2 068	2 436	1 058	1 828	1 359	5 079	2 473	2 497

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
FARMS AND LAND IN FARMS								
Farms .... number, 1987	987	1 001	1 652	1 047	701	1 035	973	1 177
1982	1 105	1 110	1 828	1 152	776	1 146	1 097	1 317
Land in farms .... acres, 1987	349 376	238 256	543 881	335 448	285 258	359 677	230 461	351 387
1982	357 387	247 261	555 348	355 718	313 971	359 157	239 166	356 831
Average size of farm .... acres, 1987	354	238	329	320	407	348	237	299
1982	323	223	304	309	405	313	218	271
Value of land and buildings[1]:								
Average per farm .... dollars, 1987	402 097	314 216	297 073	289 230	186 298	357 000	361 559	277 542
1982	714 013	437 065	438 624	508 794	337 978	621 309	565 795	338 330
Average per acre .... dollars, 1987	1 123	1 211	909	928	480	1 071	1 527	915
1982	2 164	2 101	1 436	1 744	855	1 915	2 576	1 357
Approximate land area .... acres, 1987	369 228	372 428	610 137	374 515	342 707	368 908	293 830	378 169
Proportion in farms .... percent, 1987	94.6	64.0	89.1	89.6	83.2	97.5	78.4	92.9
1987 size of farm:								
1 to 9 acres .... farms	50	108	147	85	34	73	81	99
acres	122	348	444	221	83	202	263	226
10 to 49 acres .... farms	54	281	228	101	45	63	156	84
acres	1 279	7 112	5 458	2 664	1 410	1 447	3 563	2 093
50 to 69 acres .... farms	14	40	48	22	10	20	40	17
acres	863	2 324	2 832	1 240	622	1 200	2 416	1 006
70 to 99 acres .... farms	53	85	93	56	54	63	68	45
acres	4 270	6 824	7 523	4 507	4 359	5 169	5 469	3 596
100 to 139 acres .... farms	52	53	93	72	45	41	77	70
acres	6 074	6 222	10 771	8 396	5 250	4 812	9 156	8 166
140 to 179 acres .... farms	109	62	131	101	54	102	98	114
acres	17 286	9 792	20 842	15 914	8 519	16 135	15 638	18 126
180 to 219 acres .... farms	42	48	79	52	41	65	69	99
acres	8 255	9 464	15 523	10 239	8 067	12 875	13 793	19 499
220 to 259 acres .... farms	61	40	93	74	47	62	72	96
acres	14 416	9 436	22 276	17 779	11 011	19 390	17 065	22 785
260 to 499 acres .... farms	306	142	350	255	172	287	188	335
acres	113 809	51 781	129 770	90 767	63 793	103 853	68 134	119 453
500 to 999 acres .... farms	214	94	307	182	143	201	102	189
acres	142 978	66 057	(D)	(D)	99 869	134 176	69 097	123 508
1,000 to 1,999 acres .... farms	31	40	74	46	48	36	22	29
acres	(D)	49 [illegible]	(D)	(D)	57 710	(D)	25 867	32 929
2,000 acres or more .... farms	1	8	9	1	10	2	-	-
acres	(D)	19 148	23 570	(D)	24 565	(D)	-	-
1982 size of farm:								
1 to 9 acres .... farms	64	100	132	86	33	79	83	99
acres	181	366	466	320	82	221	284	307
10 to 49 acres .... farms	43	280	272	106	58	71	196	88
acres	975	6 637	6 913	2 758	1 722	1 606	4 413	2 090
50 to 69 acres .... farms	15	64	49	33	16	25	37	25
acres	874	3 756	2 881	1 932	941	1 483	2 255	1 389
70 to 99 acres .... farms	50	99	123	63	31	57	88	67
acres	4 014	8 075	9 939	5 063	2 544	4 637	7 205	5 463
100 to 139 acres .... farms	52	73	113	69	49	59	81	84
acres	6 127	8 520	13 215	8 174	5 830	6 892	9 566	9 860
140 to 179 acres .... farms	121	80	144	109	56	128	126	129
acres	19 069	12 628	23 000	17 159	8 672	20 233	20 078	20 396
180 to 219 acres .... farms	70	54	92	64	50	72	81	111
acres	13 779	10 770	17 764	12 600	9 939	14 234	15 967	21 720
220 to 259 acres .... farms	95	51	94	82	37	105	83	130
acres	22 608	12 166	22 433	19 421	8 866	24 984	19 836	30 879
260 to 499 acres .... farms	388	171	464	314	217	359	208	417
acres	141 005	59 564	170 735	113 260	80 219	129 277	74 573	148 092
500 to 999 acres .... farms	183	99	273	186	186	160	96	151
acres	120 342	69 474	185 273	123 771	126 114	104 961	62 137	94 723
1,000 to 1,999 acres .... farms	24	34	64	39	35	26	17	15
acres	28 413	43 457	81 405	(D)	45 050	32 569	(D)	(D)
2,000 acres or more .... farms	-	5	8	1	8	5	1	1
acres	-	11 818	21 324	(D)	23 992	18 060	(D)	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland .... farms, 1987	944	895	1 481	960	659	961	892	1 071
1982	1 054	1 002	1 690	1 066	730	1 063	1 017	1 220
acres, 1987	330 508	213 501	486 111	295 594	225 274	321 946	210 370	322 461
1982	329 375	213 481	491 445	304 647	246 000	323 673	214 026	321 024
Harvested cropland .... farms, 1987	929	841	1 429	904	592	945	862	1 035
1982	1 045	960	1 617	1 029	702	1 044	971	1 185
acres, 1987	265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
1982	317 426	195 910	432 730	252 702	158 664	301 639	201 814	283 975
Cropland used only for pasture or grazing .... farms, 1987	147	238	660	524	439	263	335	501
1982	202	267	729	608	492	370	348	555
acres, 1987	4 906	9 784	33 680	40 564	70 402	12 130	10 004	21 717
1982	5 237	9 317	40 013	43 266	76 446	14 870	8 655	26 801
Other cropland .... farms, 1987	811	537	1 010	604	373	769	577	800
1982	342	294	575	326	269	289	157	423
acres, 1987	59 730	34 329	74 595	43 296	35 151	50 835	33 755	56 142
1982	6 712	8 254	18 702	8 679	10 890	7 164	3 557	10 248
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured .... farms, 1987	259	201	470	320	190	273	252	353
1982	90	116	218	171	96	89	49	157
acres, 1987	18 050	9 865	28 188	21 779	17 495	14 522	13 274	20 081
1982	1 439	1 877	6 205	4 275	2 366	1 785	773	3 522

See footnotes at end of table.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
FARMS AND LAND IN FARMS									
Farms	number, 1987	2 015	1 138	1 404	774	693	783	899	1 310
	1982	2 100	1 248	1 506	890	772	883	959	1 394
Land in farms	acres, 1987	472 363	327 081	417 178	291 057	233 595	244 939	211 885	303 783
	1982	469 990	338 392	419 586	292 301	235 561	270 672	222 717	320 840
Average size of farm	acres, 1987	234	287	297	376	337	313	235	232
	1982	224	271	278	328	305	307	232	230
Value of land and buildings[1]:									
Average per farm	dollars, 1987	282 218	350 423	286 898	180 517	165 510	160 879	155 927	181 805
	1982	436 331	609 285	495 858	330 161	309 554	301 778	312 587	322 260
Average per acre	dollars, 1987	1 181	1 237	977	511	556	531	723	806
	1982	2 020	2 280	1 780	966	1 068	935	1 249	1 327
Approximate land area	acres, 1987	491 968	367 065	461 715	343 737	272 512	309 529	277 875	366 457
Proportion in farms	percent, 1987	96.0	89.1	90.4	84.7	85.7	79.1	76.2	82.9
1987 size of farm:									
1 to 9 acres	farms	310	105	102	35	36	37	40	86
	acres	920	336	313	113	119	97	162	317
10 to 49 acres	farms	178	172	141	51	99	70	167	285
	acres	4 155	4 329	3 580	1 323	2 766	1 902	4 797	7 390
50 to 69 acres	farms	41	49	42	25	30	24	70	60
	acres	2 367	2 909	2 480	1 463	1 720	1 416	4 129	3 562
70 to 99 acres	farms	152	86	88	53	55	63	87	142
	acres	12 179	7 025	7 071	4 264	4 437	5 219	7 226	11 500
100 to 139 acres	farms	103	77	112	40	39	91	91	125
	acres	12 006	9 124	13 091	4 802	4 446	10 779	10 733	14 589
140 to 179 acres	farms	233	86	131	67	57	78	65	117
	acres	36 869	13 495	20 659	10 675	8 912	12 253	10 357	18 550
180 to 219 acres	farms	110	56	82	51	33	65	53	74
	acres	21 699	10 985	16 313	10 140	6 578	12 835	10 554	14 650
220 to 259 acres	farms	169	44	98	52	52	44	51	43
	acres	39 812	10 285	23 459	12 389	12 414	10 555	11 972	10 100
260 to 499 acres	farms	507	230	341	194	140	157	149	197
	acres	161 354	82 259	124 774	70 726	52 928	58 436	52 597	70 909
500 to 999 acres	farms	179	186	225	163	119	121	108	134
	acres	117 663	126 075	(D)	111 107	82 330	83 678	74 059	87 439
1,000 to 1,999 acres	farms	31	40	40	37	28	28	17	44
	acres	(D)	48 052	(D)	48 151	37 056	36 582	(D)	57 863
2,000 acres or more	farms	2	5	2	6	5	5	1	3
	acres	(D)	12 207	(D)	15 864	19 889	10 987	(D)	6 714
1982 size of farm:									
1 to 9 acres	farms	259	94	95	42	49	46	38	91
	acres	786	304	290	154	143	133	152	333
10 to 49 acres	farms	162	205	147	69	100	85	166	299
	acres	3 668	5 053	3 950	1 805	2 904	2 511	4 963	7 772
50 to 69 acres	farms	41	29	40	22	24	35	63	81
	acres	2 382	1 697	2 432	1 287	1 324	2 046	3 708	4 767
70 to 99 acres	farms	135	90	108	70	56	71	97	165
	acres	10 849	7 308	8 743	5 674	4 458	5 792	8 082	13 396
100 to 139 acres	farms	125	86	95	63	61	90	106	119
	acres	14 824	9 940	11 185	7 495	7 274	10 315	12 486	13 843
140 to 179 acres	farms	310	110	163	83	73	57	74	96
	acres	48 870	17 319	26 042	13 212	11 448	9 044	11 734	15 265
180 to 219 acres	farms	148	78	109	47	41	69	51	66
	acres	29 217	15 365	21 548	9 278	7 975	13 578	10 044	12 915
220 to 259 acres	farms	200	69	131	88	49	62	52	71
	acres	47 584	16 374	31 298	20 887	11 780	14 819	12 218	16 703
260 to 499 acres	farms	552	291	399	215	168	193	189	225
	acres	192 996	108 391	143 725	81 342	60 018	70 733	67 393	80 910
500 to 999 acres	farms	147	164	190	160	123	142	101	137
	acres	93 359	108 757	123 067	108 371	83 695	95 222	66 441	91 856
1,000 to 1,999 acres	farms	21	28	29	28	25	30	19	39
	acres	25 455	34 676	(D)	34 404	32 084	39 871	(D)	51 295
2,000 acres or more	farms	-	4	2	3	3	3	1	5
	acres	-	13 208	(D)	8 292	12 460	6 608	(D)	11 785
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms, 1987	1 719	1 036	1 293	721	640	740	833	1 203
	1982	1 847	1 151	1 400	830	717	830	900	1 285
	acres, 1987	438 716	302 492	367 588	229 338	177 099	165 726	162 399	235 212
	1982	429 405	307 739	355 033	230 349	176 400	182 304	170 960	240 683
Harvested cropland	farms, 1987	1 667	1 001	1 238	690	597	699	788	1 104
	1982	1 816	1 113	1 350	800	683	801	862	1 188
	acres, 1987	352 858	242 426	274 884	141 043	101 216	108 140	116 921	155 858
	1982	406 510	289 259	309 403	165 144	121 953	132 063	131 029	181 270
Cropland used only for pasture or grazing	farms, 1987	439	228	534	413	374	332	362	642
	1982	487	271	604	477	404	403	396	649
	acres, 1987	14 194	7 588	28 759	46 781	44 872	28 804	23 963	46 420
	1982	14 975	8 712	30 556	52 077	48 042	39 664	30 330	45 648
Other cropland	farms, 1987	1 181	762	867	430	344	403	373	565
	1982	339	406	497	371	208	278	295	397
	acres, 1987	71 664	52 478	63 945	41 514	31 011	28 762	21 495	32 934
	1982	7 920	9 768	15 074	13 128	6 405	10 577	9 601	13 765
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms, 1987	330	275	432	249	159	223	198	309
	1982	91	124	176	135	74	123	124	173
	acres, 1987	17 388	15 495	27 131	21 228	13 396	14 605	10 906	15 623
	1982	1 572	2 862	4 446	3 499	1 974	[illegible] 368	2 759	3 766

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
FARMS AND LAND IN FARMS								
Farms, number, 1987	1 158	743	1 235	742	1 633	1 360	667	882
1982	1 238	824	1 357	847	1 724	1 579	798	1 009
Land in farms, acres, 1987	321 504	281 269	416 623	242 430	377 025	451 759	221 678	344 010
1982	337 850	290 174	419 632	246 550	400 613	478 624	234 314	360 468
Average size of farm, acres, 1987	278	379	337	327	231	332	332	390
1982	273	352	309	291	232	303	294	357
Value of land and buildings[1]:								
Average per farm, dollars, 1987	267 295	184 013	432 253	367 438	192 457	255 831	317 865	504 641
1982	500 745	308 826	656 194	528 423	337 351	384 259	572 957	758 698
Average per acre, dollars, 1987	1 044	488	1 289	1 132	846	769	1 043	1 235
1982	1 854	876	2 147	1 824	1 356	1 243	2 001	2 237
Approximate land area, acres, 1987	364 844	336 921	459 577	256 505	441 536	559 020	256 569	370 272
Proportion in farms, percent, 1987	88.1	83.5	90.7	94.5	85.4	80.8	86.4	92.9
1987 size of farm:								
1 to 9 acres, farms	101	45	75	54	113	123	53	40
acres	292	96	236	182	284	411	181	111
10 to 49 acres, farms	136	55	118	49	145	170	73	62
acres	3 662	1 637	3 066	1 173	3 740	4 176	1 971	1 734
50 to 69 acres, farms	35	22	24	15	49	35	14	17
acres	2 086	1 230	1 422	872	2 809	2 068	832	995
70 to 99 acres, farms	78	31	92	52	92	84	33	38
acres	6 408	2 515	7 368	4 139	7 489	6 670	2 702	3 074
100 to 139 acres, farms	87	41	73	48	166	64	33	44
acres	10 165	4 918	8 493	5 557	19 638	7 681	3 955	5 045
140 to 179 acres, farms	94	67	111	80	231	106	62	83
acres	14 920	10 623	17 634	12 653	36 506	16 783	9 782	13 120
180 to 219 acres, farms	67	48	67	39	168	80	28	40
acres	13 317	9 452	13 545	7 776	32 783	15 754	(D)	7 965
220 to 259 acres, farms	77	43	69	46	128	86	39	50
acres	18 399	10 108	16 512	11 026	30 150	20 539	(D)	11 900
260 to 499 acres, farms	287	182	323	199	403	317	166	253
acres	103 924	64 398	116 059	71 579	144 033	115 101	(D)	95 275
500 to 999 acres, farms	167	166	223	131	123	226	143	199
acres	111 871	110 061	149 435	89 125	79 087	157 937	97 631	131 742
1,000 to 1,999 acres, farms	27	38	55	26	14	61	23	52
acres	(D)	50 186	70 153	30 831	(D)	81 529	29 277	62 871
2,000 acres or more, farms	2	5	5	3	1	8	-	4
acres	(D)	16 045	12 700	7 517	(D)	23 110	-	10 178
1982 size of farm:								
1 to 9 acres, farms	103	33	105	72	90	122	67	83
acres	379	88	382	239	200	480	221	219
10 to 49 acres, farms	161	78	125	68	146	208	92	60
acres	4 017	2 268	3 238	1 579	3 833	5 257	2 286	1 475
50 to 69 acres, farms	37	19	29	14	71	59	19	9
acres	2 205	1 126	1 747	762	4 115	3 482	1 091	496
70 to 99 acres, farms	91	48	79	53	101	103	44	44
acres	7 373	3 906	6 413	4 232	8 322	8 289	3 563	3 590
100 to 139 acres, farms	87	48	72	46	175	87	46	42
acres	10 308	5 652	8 527	5 321	20 368	10 290	5 523	4 889
140 to 179 acres, farms	108	69	121	108	220	149	84	98
acres	17 304	10 905	18 696	17 199	34 788	23 519	13 380	15 714
180 to 219 acres, farms	73	45	85	39	174	87	53	49
acres	14 457	8 802	16 994	7 744	34 077	17 215	10 632	9 688
220 to 259 acres, farms	81	66	106	79	169	97	55	77
acres	19 213	15 754	25 123	18 745	40 061	23 105	13 125	18 484
260 to 499 acres, farms	308	221	372	237	427	376	186	335
acres	111 752	81 713	133 190	85 977	149 637	135 810	67 862	122 144
500 to 999 acres, farms	159	164	216	106	137	224	131	189
acres	107 183	111 062	142 193	70 959	87 234	151 121	87 492	123 873
1,000 to 1,999 acres, farms	27	28	45	23	13	55	19	37
acres	34 664	38 996	(D)	(D)	(D)	68 822	(D)	44 792
2,000 acres or more, farms	3	5	2	2	1	12	2	6
acres	8 995	11 902	(D)	(D)	(D)	31 23[illegible]	(D)	15 104
LAND IN FARMS ACCORDING TO USE								
Total cropland, farms, 1987	1 058	674	1 161	700	1 510	1 227	617	842
1982	1 135	764	1 269	788	1 608	1 454	732	956
acres, 1987	278 666	217 862	384 173	224 561	300 701	399 325	205 576	323 154
1982	283 299	224 087	380 229	225 041	310 414	414 894	213 427	331 218
Harvested cropland, farms, 1987	1 024	630	1 140	686	1 422	1 162	592	832
1982	1 098	731	1 251	774	1 562	1 377	714	950
acres, 1987	206 315	114 904	312 048	177 414	219 642	278 373	157 665	260 638
1982	247 227	152 831	363 632	211 136	262 028	359 752	199 142	319 992
Cropland used only for pasture or grazing, farms, 1987	447	450	163	130	851	513	164	122
1982	499	463	217	192	914	668	178	141
acres, 1987	24 184	63 425	6 014	3 163	36 980	35 865	6 064	4 649
1982	25 547	56 401	6 084	4 274	40 000	40 679	5 040	3 963
Other cropland, farms, 1987	676	404	947	558	691	833	494	723
1982	309	337	396	407	340	466	353	304
acres, 1987	48 167	39 533	66 111	43 984	44 079	85 087	41 847	57 867
1982	10 525	14 855	10 513	9 631	8 386	14 463	9 245	7 263
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured, farms, 1987	323	215	278	230	315	312	213	224
1982	131	121	80	112	128	161	98	59
acres, 1987	19 305	19 975	17 641	16 894	18 108	27 141	14 718	14 839
1982	3 861	3 517	1 789	2 632	2 515	3 948	2 025	1 264

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed	farms, 1987	1 640	22	21	9	9	2	20
	1982	4 647	57	69	16	86	19	43
	acres, 1987	45 013	360	(D)	(D)	286	(D)	358
	1982	146 811	1 309	1 539	177	4 614	(D)	1 044
Cropland in cultivated summer fallow	farms, 1987	844	4	2	15	8	4	8
	1982	656	6	16	10	10	4	6
	acres, 1987	45 160	239	(D)	(D)	438	(D)	594
	1982	26 731	206	456	496	257	(D)	146
Cropland idle	farms, 1987	42 114	368	244	293	179	376	538
	1982	19 323	229	156	102	116	181	255
	acres, 1987	2 762 259	24 967	17 543	15 962	7 529	27 089	30 087
	1982	499 784	5 936	6 746	2 559	3 437	3 456	5 865
Total woodland	farms, 1987	24 782	176	187	730	352	102	278
	1982	26 863	179	175	792	361	97	329
	acres, 1987	1 315 448	6 835	8 295	84 782	20 199	3 259	11 694
	1982	1 396 963	8 656	7 619	95 602	22 344	3 241	13 121
Woodland pastured	farms, 1987	14 393	102	126	580	257	56	169
	1982	16 750	118	104	654	252	51	204
	acres, 1987	774 976	4 820	6 032	61 188	15 201	2 132	7 614
	1982	893 533	6 346	5 138	72 500	15 915	1 827	8 241
Woodland not pastured	farms, 1987	14 477	93	82	388	150	56	152
	1982	14 503	82	90	399	161	55	178
	acres, 1987	541 472	2 015	2 263	23 594	4 998	1 127	4 080
	1982	503 430	2 310	2 481	23 102	6 429	1 414	4 880
Other land	farms, 1987	83 542	807	584	840	706	706	1 121
	1982	94 616	927	614	931	743	775	1 295
	acres, 1987	3 030 814	48 536	44 709	40 100	47 031	29 023	31 269
	1982	3 634 252	56 081	43 423	46 217	46 099	36 853	41 726
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	22 415	288	235	315	285	150	282
	1982	24 254	289	225	322	303	145	306
	acres, 1987	1 452 248	25 714	30 513	27 048	34 733	12 587	12 322
	1982	1 591 210	29 279	24 977	27 266	31 672	15 330	15 220
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	79 586	760	544	793	639	677	1 065
	1982	91 193	886	589	885	702	757	1 249
	acres, 1987	1 578 566	22 824	14 196	13 052	12 298	16 436	18 947
	1982	2 043 042	26 802	18 446	18 951	14 427	21 523	26 506
Pastureland, all types	farms, 1987	55 685	730	523	869	706	431	755
	1982	64 427	806	561	939	699	574	896
	acres, 1987	4 510 771	89 299	75 540	116 642	114 072	33 558	41 667
	1982	4 985 009	96 880	78 406	133 533	105 280	45 992	46 867
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	69 141	675	399	631	327	593	1 009
	1982	23 020	319	164	121	120	209	345
	acres, 1987	3 580 902	30 158	16 551	16 953	9 617	28 117	48 269
	1982	415 548	6 756	2 542	1 672	1 349	3 721	5 742
Cropland placed under the conservation reserve program	farms, 1987	8 050	66	118	135	117	109	50
	acres, 1987	697 896	9 058	15 191	13 410	8 099	13 238	3 168

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed	farms, 1987	14	10	10	7	27	5	4
	1982	28	35	44	14	47	48	52
	acres, 1987	(D)	176	168	176	638	(D)	(D)
	1982	(D)	(D)	454	266	973	626	635
Cropland in cultivated summer fallow	farms, 1987	1	9	3	10	8	8	9
	1982	2	3	7	5	13	5	4
	acres, 1987	(D)	379	164	416	562	(D)	(D)
	1982	(D)	(D)	252	257	246	89	149
Cropland idle	farms, 1987	498	469	388	516	592	563	558
	1982	211	229	211	231	188	238	220
	acres, 1987	29 413	31 929	19 995	32 397	38 315	33 656	39 160
	1982	5 304	5 582	4 207	5 610	4 000	5 560	5 181
Total woodland	farms, 1987	200	234	246	301	64	208	51
	1982	211	238	289	306	109	239	89
	acres, 1987	7 064	14 365	7 943	10 209	3 570	8 360	1 788
	1982	6 586	16 553	9 644	10 743	5 267	8 738	3 118
Woodland pastured	farms, 1987	90	116	76	158	29	97	23
	1982	110	155	117	178	55	133	49
	acres, 1987	3 668	8 002	2 963	5 578	2 434	4 780	1 304
	1982	3 433	11 240	4 053	6 632	3 969	4 868	2 307
Woodland not pastured	farms, 1987	130	142	197	187	42	135	30
	1982	122	112	191	165	67	125	48
	acres, 1987	3 396	6 363	4 980	4 633	1 136	3 600	484
	1982	3 153	5 313	5 591	4 111	1 278	3 670	611
Other land	farms, 1987	992	800	875	1 036	910	1 058	748
	1982	1 093	920	1 043	1 105	1 004	1 233	941
	acres, 1987	19 303	19 594	15 655	19 533	24 278	24 116	17 026
	1982	26 934	24 345	22 243	26 380	29 730	30 773	25 469
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	169	168	216	202	155	272	90
	1982	240	182	269	238	161	297	125
	acres, 1987	5 194	6 803	4 936	5 969	7 169	8 351	3 252
	1982	6 417	6 917	7 216	6 601	7 374	10 089	6 181
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	959	768	848	1 004	882	1 016	734
	1982	1 062	895	1 019	1 083	990	1 207	921
	acres, 1987	14 109	12 791	10 719	13 564	17 109	15 765	13 774
	1982	20 517	17 428	15 027	19 779	22 356	20 684	19 308
Pastureland, all types	farms, 1987	470	428	523	632	335	644	273
	1982	562	504	640	677	438	724	422
	acres, 1987	17 255	22 747	16 626	26 622	18 242	26 867	10 937
	1982	17 735	26 080	20 864	26 716	21 303	27 640	16 799
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	824	703	673	878	838	868	793
	1982	266	297	252	273	210	293	262
	acres, 1987	42 528	41 850	30 399	49 702	48 331	43 456	45 296
	1982	4 956	4 591	3 594	5 266	3 262	4 819	3 836
Cropland placed under the conservation reserve program	farms, 1987	22	54	50	37	58	104	43
	acres, 1987	1 154	2 765	1 820	1 369	2 137	7 125	1 639

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed	farms, 1987	18	7	8	9	8	13	44
	1982	27	72	16	36	35	35	54
	acres, 1987	270	(D)	(D)	367	(D)	259	(D)
	1982	241	1 355	(D)	360	(D)	509	(D)
Cropland in cultivated summer fallow	farms, 1987	4	10	3	8	2	11	3
	1982	10	13	1	4	1	8	2
	acres, 1987	331	(D)	(D)	366	(D)	748	(D)
	1982	370	484	(D)	156	(D)	453	(D)
Cropland idle	farms, 1987	626	365	454	433	513	463	179
	1982	181	258	170	254	195	244	136
	acres, 1987	34 766	26 143	31 962	34 722	27 521	28 868	11 493
	1982	4 165	7 173	3 769	8 204	3 919	4 857	2 946
Total woodland	farms, 1987	94	138	244	108	118	248	249
	1982	92	167	283	132	128	288	285
	acres, 1987	2 464	4 062	14 080	3 497	7 226	8 966	16 556
	1982	3 252	5 552	12 816	2 959	5 909	8 798	20 313
Woodland pastured	farms, 1987	43	79	144	41	51	121	169
	1982	48	99	164	58	77	156	197
	acres, 1987	1 488	2 388	9 071	1 856	4 136	4 549	12 002
	1982	2 294	2 929	9 117	1 637	3 802	5 542	13 627
Woodland not pastured	farms, 1987	62	78	140	78	83	168	122
	1982	46	85	147	97	69	177	130
	acres, 1987	976	1 674	5 009	1 641	3 090	4 417	4 554
	1982	958	2 623	3 699	1 322	2 107	3 256	6 686
Other land	farms, 1987	1 057	796	931	702	899	835	572
	1982	1 194	916	1 093	836	1 042	985	628
	acres, 1987	27 546	37 532	28 359	17 353	38 950	21 251	47 663
	1982	33 324	41 223	27 970	24 059	44 513	28 301	43 006
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	184	270	247	117	309	234	275
	1982	240	243	234	170	329	280	244
	acres, 1987	7 750	15 593	14 009	3 810	20 310	8 274	35 741
	1982	8 478	15 437	9 907	6 584	19 709	10 105	28 358
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	1 026	751	869	682	856	798	520
	1982	1 144	876	1 062	810	988	953	569
	acres, 1987	19 796	21 939	14 350	13 543	18 640	12 977	11 922
	1982	24 846	25 786	18 063	17 475	24 804	18 196	14 648
Pastureland, all types	farms, 1987	532	609	596	341	596	527	553
	1982	691	732	691	407	684	622	598
	acres, 1987	25 265	51 569	41 082	15 146	45 082	24 721	92 886
	1982	29 676	57 943	40 298	15 900	45 172	27 687	93 406
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	954	670	819	678	810	738	349
	1982	230	312	172	292	210	273	109
	acres, 1987	44 241	36 907	49 069	45 109	39 317	36 267	11 423
	1982	3 297	6 505	3 526	7 002	3 378	4 652	2 584
Cropland placed under the conservation reserve program	farms, 1987	39	64	53	77	34	105	118
	acres, 1987	4 372	6 495	5 572	4 482	2 425	7 711	12 782

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed	farms, 1987	14	14	12	26	9	9	30
	1982	53	17	43	18	37	97	57
	acres, 1987	(D)	370	637	713	(D)	172	1 051
	1982	1 290	222	(D)	149	(D)	3 828	2 278
Cropland in cultivated summer fallow	farms, 1987	6	20	11	10	2	19	9
	1982	5	16	4	9	3	4	5
	acres, 1987	(D)	1 210	321	660	(D)	619	409
	1982	219	1 657	(D)	427	(D)	141	295
Cropland idle	farms, 1987	489	500	547	558	412	190	173
	1982	192	139	165	303	158	125	93
	acres, 1987	35 707	26 627	32 351	36 327	31 166	13 434	11 615
	1982	4 554	2 684	3 727	7 069	4 250	2 862	3 065
Total woodland	farms, 1987	82	1 001	340	213	266	433	265
	1982	112	1 093	371	252	291	405	298
	acres, 1987	3 662	77 161	14 831	8 925	12 885	26 016	27 342
	1982	4 561	83 310	13 124	9 490	16 097	25 358	21 409
Woodland pastured	farms, 1987	25	675	202	136	126	292	167
	1982	55	818	222	163	159	269	211
	acres, 1987	1 146	44 484	8 535	6 578	6 762	15 645	16 050
	1982	2 397	54 469	7 470	6 996	9 964	15 254	14 817
Woodland not pastured	farms, 1987	62	661	192	102	161	214	144
	1982	69	594	202	121	176	194	127
	acres, 1987	2 516	32 677	6 296	2 347	6 123	10 371	11 202
	1982	2 164	28 841	5 654	2 494	6 133	10 104	6 592
Other land	farms, 1987	718	1 338	1 072	1 091	823	758	584
	1982	872	1 426	1 272	1 275	940	801	638
	acres, 1987	23 770	43 123	25 083	38 643	26 886	55 334	73 536
	1982	31 495	51 321	34 969	49 637	35 145	56 573	81 443
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	215	429	256	302	229	314	301
	1982	200	446	284	349	270	334	300
	acres, 1987	10 114	23 388	9 497	15 450	12 827	37 036	56 536
	1982	12 125	26 811	11 681	17 665	15 997	36 492	62 987
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	690	1 256	1 022	1 044	787	704	524
	1982	839	1 355	1 226	1 237	906	750	595
	acres, 1987	13 656	19 735	15 586	23 193	14 059	18 298	17 000
	1982	19 370	24 510	23 288	31 952	19 148	20 081	18 456
Pastureland, all types	farms, 1987	366	1 248	720	848	510	748	583
	1982	448	1 393	785	1 022	580	781	631
	acres, 1987	21 307	109 024	37 999	60 992	35 686	101 110	125 849
	1982	28 262	122 502	40 281	66 468	39 613	102 924	136 456
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	677	1 029	980	902	659	354	302
	1982	227	194	179	402	211	154	110
	acres, 1987	41 259	37 544	53 510	43 401	40 595	11 812	10 810
	1982	4 544	3 131	3 149	7 250	3 652	2 570	1 662
Cropland placed under the conservation reserve program	farms, 1987	84	189	93	82	94	124	118
	acres, 1987	4 859	17 804	8 042	13 043	5 026	16 624	12 940

See footnotes at end of table.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	4	15	12	6	3	19	1	2
	1982	21	27	26	18	34	24	27	43
	acres, 1987	(D)	159	109	(D)	(D)	305	(D)	(D)
	1982	329	580	870	324	(D)	379	317	617
Cropland in cultivated summer fallow	farms, 1987	11	7	5	22	5	20	9	15
	1982	7	4	4	10	1	6	11	10
	acres, 1987	(D)	144	287	(D)	(D)	1 282	253	(D)
	1982	475	122	123	422	(D)	229	153	467
Cropland idle	farms, 1987	438	276	314	362	360	553	439	534
	1982	158	143	127	132	156	235	233	265
	acres, 1987	25 138	15 131	23 441	16 509	30 463	35 043	(D)	41 460
	1982	4 265	3 776	3 323	2 783	3 771	6 055	5 698	7 942
Total woodland	farms, 1987	413	294	44	694	59	499	222	115
	1982	383	315	61	717	74	515	251	122
	acres, 1987	23 340	17 006	1 243	36 532	2 422	26 792	7 192	3 927
	1982	18 345	19 110	954	38 640	2 226	27 262	6 657	4 904
Woodland pastured	farms, 1987	279	171	18	518	38	299	95	56
	1982	274	160	31	569	37	338	133	57
	acres, 1987	16 028	8 266	708	25 503	1 613	15 769	3 119	2 333
	1982	13 235	10 286	492	28 554	1 664	18 402	3 714	3 476
Woodland not pastured	farms, 1987	198	176	30	337	33	320	153	66
	1982	172	188	37	311	41	308	146	69
	acres, 1987	7 312	8 740	535	11 029	809	11 023	4 073	1 594
	1982	5 110	8 824	462	10 086	562	8 860	2 943	1 428
Other land	farms, 1987	1 135	580	468	1 202	446	1 215	765	819
	1982	1 207	633	541	1 314	542	1 362	923	967
	acres, 1987	23 702	20 813	16 429	30 793	13 777	30 865	16 935	23 102
	1982	29 886	27 722	23 763	39 345	20 887	44 113	25 639	30 084
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	257	177	97	452	96	312	167	152
	1982	279	198	128	453	120	371	223	152
	acres, 1987	8 121	11 192	6 823	19 192	5 298	12 795	4 945	6 047
	1982	10 748	15 773	9 955	22 576	9 244	17 482	7 564	6 907
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	1 087	551	449	1 106	420	1 170	756	794
	1982	1 171	610	514	1 221	520	1 303	891	947
	acres, 1987	15 581	9 621	9 606	11 601	8 479	18 070	11 990	17 055
	1982	19 140	11 949	13 808	16 767	11 643	26 631	18 075	23 177
Pastureland, all types	farms, 1987	889	394	239	1 231	196	861	397	326
	1982	922	439	283	1 282	273	979	498	398
	acres, 1987	48 156	31 497	14 394	78 054	12 589	51 650	15 348	15 507
	1982	45 551	36 513	20 334	82 824	19 591	60 108	17 975	21 520
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	1 029	486	422	896	476	1 063	710	796
	1982	198	163	154	127	154	321	301	301
	acres, 1987	44 164	23 410	26 267	24 235	30 654	52 343	39 568	50 014
	1982	3 746	3 310	2 572	1 494	3 086	6 120	5 164	6 776
Cropland placed under the conservation reserve program	farms, 1987	73	41	93	88	62	119	118	80
	acres, 1987	4 644	3 042	4 986	6 240	4 343	9 331	6 964	4 458

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**--Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	64	7	5	18	19	8	9	19
	1982	137	21	21	31	46	56	30	39
	acres, 1987	4 540	(D)	(D)	1 295	396	(D)	404	372
	1982	9 173	(D)	(D)	381	(D)	830	(D)	1 171
Cropland in cultivated summer fallow	farms, 1987	7	2	7	11	9	6	6	10
	1982	19	4	5	5	3	6	2	4
	acres, 1987	523	(D)	(D)	569	302	(D)	523	480
	1982	964	(D)	(D)	292	(D)	116	(D)	66
Cropland idle	farms, 1987	260	477	483	333	585	590	552	518
	1982	177	202	158	231	281	254	261	283
	acres, 1987	19 757	34 139	30 789	25 303	40 471	41 953	37 278	37 800
	1982	8 095	5 292	4 160	5 026	6 946	5 637	7 259	7 283
Total woodland	farms, 1987	211	145	60	260	105	65	157	347
	1982	208	173	54	271	132	70	189	444
	acres, 1987	10 112	7 756	1 231	16 472	3 983	1 339	9 481	21 564
	1982	11 725	10 083	1 260	14 479	6 977	1 672	10 839	23 061
Woodland pastured	farms, 1987	93	67	26	163	39	23	92	197
	1982	115	114	26	184	62	30	110	282
	acres, 1987	3 832	4 720	443	10 185	1 536	381	6 593	9 807
	1982	6 066	7 150	719	10 187	3 689	633	7 549	14 565
Woodland not pastured	farms, 1987	139	75	36	137	78	47	86	224
	1982	126	85	31	125	85	43	99	231
	acres, 1987	6 280	3 036	788	6 287	2 447	958	2 888	11 757
	1982	5 659	2 933	541	4 292	3 288	1 039	3 290	8 496
Other land	farms, 1987	578	764	808	754	806	795	841	777
	1982	636	860	956	899	927	946	955	953
	acres, 1987	30 137	25 114	20 158	40 097	17 842	18 397	23 170	36 709
	1982	28 487	28 849	24 127	49 637	24 583	24 710	29 239	38 247
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	116	172	172	283	115	103	192	224
	1982	132	188	218	303	139	135	199	211
	acres, 1987	12 492	9 768	5 897	23 773	3 860	3 675	9 392	15 125
	1982	8 107	10 553	6 366	28 357	5 704	5 090	10 036	14 059
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	567	727	782	689	790	776	806	728
	1982	614	825	934	859	905	928	917	925
	acres, 1987	17 645	15 346	14 261	16 324	13 982	14 722	13 778	21 584
	1982	20 360	18 296	17 761	21 260	18 879	19 620	19 203	24 188
Pastureland, all types	farms, 1987	372	392	370	611	277	262	404	554
	1982	448	516	469	736	350	346	490	751
	acres, 1987	35 007	24 790	13 629	72 119	10 362	10 007	24 225	45 950
	1982	36 899	30 152	15 33[illegible]	78 582	13 614	12 345	27 625	65 771
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	502	704	763	608	782	873	786	703
	1982	261	272	168	261	302	256	308	302
	acres, 1987	33 153	46 184	45 411	29 124	51 142	51 939	47 801	39 562
	1982	7 006	4 858	3 573	4 363	5 502	4 681	5 340	5 454
Cropland placed under the conservation reserve program	farms, 1987	49	46	12	102	56	87	49	64
	acres, 1987	5 284	2 101	729	11 972	2 521	4 385	3 134	5 189

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	33	11	6	21	10	19	23	30
	1982	49	32	36	15	83	8	113	50
	acres, 1987	793	453	134	248	117	387	(D)	1 060
	1982	1 476	(D)	(D)	(D)	3 084	65	(D)	2 112
Cropland in cultivated summer fallow	farms, 1987	6	11	6	5	4	25	10	8
	1982	4	2	2	3	9	7	1	12
	acres, 1987	611	1 091	396	258	450	1 225	(D)	295
	1982	473	(D)	(D)	(D)	522	339	(D)	419
Cropland idle	farms, 1987	325	392	487	382	355	380	540	233
	1982	133	208	164	144	276	130	262	122
	acres, 1987	20 272	29 321	33 630	25 317	22 754	21 645	30 828	13 048
	1982	2 916	5 469	3 832	4 527	9 322	2 570	6 755	2 743
Total woodland	farms, 1987	316	242	85	36	274	707	349	343
	1982	316	275	81	33	286	775	340	367
	acres, 1987	19 984	7 543	3 293	425	12 116	54 850	14 311	17 979
	1982	20 939	8 285	3 556	461	12 800	58 512	13 687	16 851
Woodland pastured	farms, 1987	194	123	40	11	173	542	164	176
	1982	192	148	47	13	185	623	198	207
	acres, 1987	10 737	3 172	1 430	189	6 861	42 586	7 137	8 791
	1982	12 036	4 771	1 705	262	7 689	44 539	8 571	8 018
Woodland not pastured	farms, 1987	191	156	52	26	151	312	219	206
	1982	174	170	46	23	161	309	197	212
	acres, 1987	9 247	4 371	1 863	236	5 255	12 284	7 174	9 188
	1982	8 903	3 514	1 851	199	5 131	11 973	8 096	8 833
Other land	farms, 1987	682	759	578	654	860	971	1 237	664
	1982	758	887	668	730	977	1 061	1 370	723
	acres, 1987	20 395	20 469	13 519	26 079	30 440	45 186	46 303	26 369
	1982	25 787	25 977	17 357	31 182	48 581	44 968	54 418	34 930
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	200	189	70	194	196	400	420	232
	1982	204	237	64	192	218	398	412	251
	acres, 1987	9 203	7 912	2 243	11 498	12 795	33 207	24 180	12 571
	1982	10 296	9 684	2 567	11 394	26 315	31 682	24 492	17 296
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	644	738	585	613	833	876	1 167	625
	1982	735	863	657	699	942	985	1 331	692
	acres, 1987	11 192	12 557	11 276	14 581	17 645	11 979	22 143	13 798
	1982	15 491	16 313	14 790	19 788	22 266	13 286	29 926	17 632
Pastureland, all types	farms, 1987	494	476	159	441	679	1 090	924	503
	1982	546	613	199	539	770	1 157	1 034	617
	acres, 1987	34 218	25 513	6 434	31 684	59 541	123 462	64 406	42 246
	1982	37 907	32 071	9 059	31 835	79 576	123 760	72 959	53 117
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	575	636	609	567	789	786	930	476
	1982	156	272	156	170	350	173	348	189
	acres, 1987	28 965	31 427	37 645	32 325	38 676	26 349	46 380	21 980
	1982	2 448	5 362	2 558	2 853	7 433	2 501	8 177	3 530
Cropland placed under the conservation reserve program	farms, 1987	55	150	12	44	101	114	119	60
	acres, 1987	3 704	12 476	412	4 420	9 333	10 403	8 784	4 404

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	39	19	27	21	36	25	14	14
	1982	93	25	92	82	37	46	30	73
	acres, 1987	670	326	480	390	929	466	422	591
	1982	(D)	(D)	461	(D)	675	693	(D)	3 403
Cropland in cultivated summer fallow	farms, 1987	10	16	7	7	19	3	5	5
	1982	2	3	10	3	16	6	2	6
	acres, 1987	676	437	347	483	847	297	135	85
	1982	(D)	(D)	1 028	(D)	505	228	(D)	126
Cropland idle	farms, 1987	328	397	346	1 072	367	491	254	186
	1982	156	137	197	396	113	145	136	129
	acres, 1987	18 798	25 951	25 691	72 516	20 077	25 703	15 856	10 824
	1982	3 797	3 194	6 154	11 066	2 606	3 185	3 445	3 012
Total woodland	farms, 1987	475	394	343	117	511	488	244	283
	1982	474	471	417	134	504	488	253	299
	acres, 1987	14 168	20 931	23 538	4 912	35 718	18 656	15 121	18 324
	1982	15 088	29 058	22 543	5 119	37 112	18 755	15 929	17 585
Woodland pastured	farms, 1987	276	240	196	51	308	302	120	193
	1982	278	309	260	64	323	300	126	199
	acres, 1987	7 603	12 937	11 223	2 555	18 770	11 919	5 964	11 310
	1982	8 218	19 660	13 026	2 626	20 663	11 458	7 998	10 927
Woodland not pastured	farms, 1987	263	220	222	75	302	259	173	129
	1982	271	235	245	89	287	261	166	143
	acres, 1987	6 565	7 994	12 315	2 357	16 948	6 737	9 157	7 014
	1982	6 870	9 398	9 517	2 493	16 449	7 297	7 931	6 659
Other land	farms, 1987	1 083	955	802	1 320	784	1 316	474	552
	1982	1 217	1 094	956	1 516	844	1 436	537	655
	acres, 1987	26 171	35 748	38 511	31 131	28 897	29 049	15 558	40 681
	1982	33 022	39 402	44 355	43 374	34 733	36 476	20 496	51 916
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	281	313	260	134	301	333	119	274
	1982	253	328	248	175	257	398	155	302
	acres, 1987	9 201	21 021	19 484	5 638	17 256	12 934	6 834	29 934
	1982	8 416	18 791	19 388	6 151	17 937	13 970	8 184	38 040
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	1 034	903	756	1 297	709	1 257	442	492
	1982	1 161	1 048	917	1 492	804	1 379	518	594
	acres, 1987	16 970	14 727	19 027	25 493	11 641	16 115	8 724	10 747
	1982	24 604	20 611	24 967	37 223	16 796	22 506	12 312	13 876
Pastureland, all types	farms, 1987	832	725	665	392	664	958	297	577
	1982	956	862	789	518	672	1 000	362	640
	acres, 1987	44 093	60 275	64 071	17 055	55 837	48 646	21 245	88 995
	1982	49 583	67 426	71 560	18 783	60 399	44 690	25 912	94 442
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	688	761	687	1 422	548	883	462	305
	1982	161	161	298	422	86	164	168	153
	acres, 1987	31 915	37 900	38 463	82 081	21 574	37 256	26 117	10 395
	1982	2 577	2 582	6 231	7 690	1 275	2 843	3 913	2 322
Cropland placed under the conservation reserve program	farms, 1987	54	72	128	106	56	65	28	111
	acres, 1987	4 204	8 255	12 054	4 859	3 658	3 689	2 092	9 876

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	5	44	16	13	14	35	5	21
	1982	3	57	140	123	55	54	32	26
	acres, 1987	(D)	639	736	1 152	366	(D)	184	572
	1982	(D)	2 196	8 669	6 177	1 490	2 207	1 309	924
Cropland in cultivated summer fallow	farms, 1987	11	11	9	9	6	4	7	10
	1982	2	6	6	6	12	5	9	8
	acres, 1987	(D)	430	470	733	292	(D)	360	359
	1982	(D)	184	199	315	484	121	220	755
Cropland idle	farms, 1987	626	324	374	295	392	232	391	459
	1982	144	211	171	167	246	121	196	212
	acres, 1987	31 635	17 247	22 221	15 266	31 631	17 123	26 981	42 078
	1982	3 160	3 680	4 681	6 422	7 150	5 501	3 913	7 941
Total woodland	farms, 1987	45	366	317	429	191	172	215	219
	1982	51	373	327	481	225	166	261	234
	acres, 1987	1 801	23 000	14 520	19 461	6 785	6 363	6 741	19 299
	1982	2 124	23 848	13 557	22 360	9 862	6 535	8 091	17 339
Woodland pastured	farms, 1987	16	207	164	230	84	69	91	136
	1982	25	245	178	276	126	75	140	163
	acres, 1987	1 046	14 893	6 898	9 362	3 430	2 959	3 230	10 998
	1982	1 808	17 733	7 127	11 980	5 813	2 366	5 281	11 616
Woodland not pastured	farms, 1987	30	210	194	266	134	115	141	128
	1982	26	174	190	286	123	115	150	103
	acres, 1987	755	8 107	7 622	10 099	3 355	3 404	3 511	8 301
	1982	316	6 115	6 430	10 380	4 049	4 169	2 810	5 723
Other land	farms, 1987	983	906	986	936	873	505	746	620
	1982	1 144	1 000	1 058	1 018	1 001	545	836	703
	acres, 1987	28 662	58 042	36 422	36 541	29 329	20 371	16 047	37 116
	1982	37 173	70 267	41 292	47 159	31 823	27 986	21 789	45 390
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	222	408	335	338	258	101	138	191
	1982	283	455	293	349	248	115	154	207
	acres, 1987	11 283	38 213	15 437	17 557	12 932	4 466	3 222	22 227
	1982	14 559	46 931	15 703	23 646	11 971	7 055	4 431	23 259
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	955	835	936	879	833	484	724	579
	1982	1 102	922	1 028	978	975	530	821	657
	acres, 1987	17 379	19 829	20 985	18 984	16 397	15 905	12 825	14 889
	1982	22 614	21 336	25 589	23 513	19 852	20 931	17 358	22 140
Pastureland, all types	farms, 1987	576	793	684	752	527	322	369	391
	1982	695	870	777	845	652	393	461	472
	acres, 1987	31 156	96 563	44 602	59 436	30 752	20 129	14 584	51 708
	1982	35 472	114 685	50 838	71 173	35 721	24 289	18 323	56 252
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	871	548	750	557	705	439	662	614
	1982	150	256	226	195	354	160	252	238
	acres, 1987	(D)	22 644	31 867	23 249	43 373	29 439	37 549	45 189
	1982	2 385	3 721	4 136	3 364	7 595	4 137	4 406	5 941
Cropland placed under the conservation reserve program	farms, 1987	48	97	116	111	136	31	110	67
	acres, 1987	(D)	7 511	9 067	10 897	14 535	3 384	6 387	8 293

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	11	13	19	12	4	37	11	5
	1982	103	71	40	28	10	127	50	6
	acres, 1987	468	(D)	(D)	(D)	(D)	673	81	(D)
	1982	4 618	1 797	(D)	971	210	2 748	1 199	(D)
Cropland in cultivated summer fallow	farms, 1987	8	1	4	2	4	15	11	15
	1982	3	6	2	5	4	10	4	8
	acres, 1987	368	(D)	(D)	(D)	455	284	772	(D)
	1982	57	109	(D)	392	295	142	67	(D)
Cropland idle	farms, 1987	180	238	309	671	415	311	597	859
	1982	103	184	102	185	170	228	261	207
	acres, 1987	11 172	16 079	18 033	37 139	(D)	16 087	46 822	51 782
	1982	2 982	4 483	2 752	3 853	5 445	5 573	6 644	4 740
Total woodland	farms, 1987	354	121	280	73	31	236	73	121
	1982	351	163	287	72	35	221	89	137
	acres, 1987	25 184	3 973	15 874	2 735	648	8 019	2 771	5 864
	1982	24 723	4 902	17 454	2 091	867	6 995	2 256	5 237
Woodland pastured	farms, 1987	232	62	162	25	11	123	18	58
	1982	265	88	194	38	19	125	33	80
	acres, 1987	15 850	1 781	10 358	1 143	465	4 032	465	3 885
	1982	16 903	3 093	12 137	1 368	533	4 215	1 000	3 684
Woodland not pastured	farms, 1987	178	72	137	56	21	137	63	77
	1982	141	92	135	43	19	124	59	69
	acres, 1987	9 334	2 192	5 516	1 592	183	3 987	2 306	1 979
	1982	7 820	1 809	5 317	723	334	2 780	1 256	1 553
Other land	farms, 1987	606	566	714	970	568	867	715	1 400
	1982	615	674	781	1 116	713	884	786	1 566
	acres, 1987	52 874	26 185	18 131	27 919	14 179	44 987	19 747	50 235
	1982	49 276	28 762	23 784	32 604	17 990	44 584	24 916	61 999
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	269	166	180	210	100	273	119	341
	1982	285	182	208	226	123	283	111	369
	acres, 1987	42 334	10 692	7 497	8 962	2 857	19 662	5 230	23 491
	1982	36 521	8 934	11 244	11 940	3 889	17 996	5 734	27 979
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	547	542	678	941	558	843	693	1 334
	1982	570	649	758	1 072	695	852	774	1 517
	acres, 1987	10 540	15 493	10 634	17 937	11 322	25 325	14 517	26 744
	1982	12 755	19 828	12 540	20 664	14 101	26 588	19 182	34 020
Pastureland, all types	farms, 1987	608	426	475	416	239	713	270	874
	1982	642	493	557	478	332	771	334	1 011
	acres, 1987	106 919	36 136	32 223	21 162	7 616	68 481	13 141	56 7[illegible]3
	1982	104 806	41 335	38 270	22 727	11 155	68 405	14 295	65 204
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	302	496	562	934	569	663	761	1 222
	1982	134	226	120	191	196	297	277	173
	acres, 1987	(D)	27 477	29 595	46 084	26 246	30 606	47 052	59 690
	1982	1 738	4 181	1 937	2 902	3 079	4 562	5 484	2 950
Cropland placed under the conservation reserve program	farms, 1987	90	61	40	29	34	65	125	98
	acres, 1987	(D)	5 615	1 458	885	1 876	6 769	8 240	10 821

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	21	19	31	14	14	11	20	21
	1982	43	43	58	39	98	55	22	16
	acres, 1987	1 494	176	726	196	456	194	397	(D)
	1982	442	1 768	1 005	1 068	4 786	886	545	(D)
Cropland in cultivated summer fallow	farms, 1987	6	3	18	5	4	6	6	9
	1982	3	4	8	4	5	11	5	1
	acres, 1987	320	195	1 574	216	425	237	244	(D)
	1982	42	58	240	230	373	494	226	(D)
Cropland idle	farms, 1987	596	360	620	340	223	553	355	541
	1982	241	176	349	151	139	167	95	285
	acres, 1987	39 866	24 073	44 107	21 105	16 775	35 882	19 840	34 169
	1982	4 769	4 551	11 252	3 106	3 365	3 999	2 013	6 369
Total woodland	farms, 1987	45	206	313	191	214	67	165	107
	1982	76	250	314	221	210	90	175	144
	acres, 1987	1 875	6 465	11 829	6 459	12 335	3 168	6 312	2 419
	1982	1 284	8 145	8 631	7 472	10 620	2 482	5 834	4 920
Woodland pastured	farms, 1987	21	85	179	110	126	35	88	72
	1982	23	114	174	125	140	58	95	92
	acres, 1987	1 136	2 425	5 870	3 989	7 470	1 848	3 344	1 542
	1982	380	2 834	4 265	4 328	6 543	1 765	3 210	4 190
Woodland not pastured	farms, 1987	29	148	169	94	107	35	93	49
	1982	60	158	178	127	116	41	99	56
	acres, 1987	739	4 040	5 959	2 470	4 865	1 320	2 968	877
	1982	904	5 311	4 366	3 144	4 077	717	2 624	730
Other land	farms, 1987	774	786	1 292	861	590	827	766	935
	1982	892	899	1 517	986	669	959	885	1 067
	acres, 1987	16 993	18 290	43 941	33 395	47 649	34 563	13 779	26 507
	1982	26 728	25 635	55 272	43 599	57 351	33 002	19 306	30 887
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	79	168	280	252	191	173	179	159
	1982	90	249	274	293	235	233	208	152
	acres, 1987	2 449	5 426	12 685	14 956	28 305	17 600	4 565	7 041
	1982	4 743	10 366	11 395	18 980	35 441	11 726	6 583	6 245
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	756	757	1 238	812	546	808	743	907
	1982	878	865	1 470	959	628	935	853	1 038
	acres, 1987	14 544	12 864	31 256	18 439	19 344	16 963	9 214	19 466
	1982	21 985	15 269	43 877	24 619	21 910	21 276	12 723	24 642
Pastureland, all types	farms, 1987	215	420	880	682	552	410	488	607
	1982	291	526	1 008	803	642	563	563	713
	acres, 1987	8 491	17 635	52 235	59 509	106 177	31 578	17 913	30 300
	1982	10 360	22 517	55 673	66 574	118 430	28 361	18 448	37 236
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	832	526	1 063	721	379	805	632	876
	1982	257	225	401	281	205	215	73	348
	acres, 1987	48 577	29 511	65 157	34 359	13 320	44 613	32 273	49 303
	1982	3 762	3 650	8 475	4 832	2 981	4 227	1 340	5 351
Cropland placed under the conservation reserve program	farms, 1987	45	33	54	115	145	49	14	58
	acres, 1987	2 319	1 199	4 621	9 697	20 626	2 832	846	4 407

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	22	6	16	33	26	28	11	41
	1982	22	35	91	115	40	63	77	97
	acres, 1987	319	(D)	408	735	(D)	394	106	924
	1982	125	(D)	2 798	2 931	(D)	2 166	(D)	3 231
Cropland in cultivated summer fallow	farms, 1987	9	6	7	9	1	9	6	10
	1982	3	1	13	11	6	13	3	11
	acres, 1987	473	(D)	423	449	(D)	548	82	227
	1982	57	(D)	326	322	(D)	367	(D)	458
Cropland idle	farms, 1987	932	541	510	233	225	202	210	317
	1982	247	272	284	203	124	143	144	195
	acres, 1987	53 484	36 647	35 983	19 102	17 017	13 235	10 399	16 160
	1982	6 166	6 287	7 504	6 376	2 993	3 676	3 554	6 310
Total woodland	farms, 1987	64	182	346	223	166	442	397	500
	1982	81	206	365	226	185	484	447	475
	acres, 1987	1 923	6 387	16 660	10 263	8 744	38 263	16 526	21 612
	1982	1 782	8 001	16 448	10 558	9 218	43 781	23 032	22 174
Woodland pastured	farms, 1987	29	94	200	138	106	291	219	307
	1982	24	125	236	143	116	313	255	269
	acres, 1987	1 181	3 472	9 104	6 145	6 287	24 725	7 793	11 790
	1982	933	5 721	11 521	6 258	5 939	26 925	13 145	13 763
Woodland not pastured	farms, 1987	40	103	194	116	90	234	239	273
	1982	61	96	171	119	101	261	265	291
	acres, 1987	742	2 915	7 556	4 118	2 457	13 538	8 733	9 822
	1982	849	2 280	4 927	4 300	3 279	16 856	9 887	8 411
Other land	farms, 1987	1 583	892	1 102	658	559	659	748	1 073
	1982	1 741	989	1 259	780	660	712	799	1 170
	acres, 1987	31 724	18 202	32 930	51 456	47 752	40 950	32 760	46 959
	1982	38 803	22 652	48 105	51 394	49 943	44 587	28 725	57 983
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	235	173	276	265	229	277	296	380
	1982	272	188	334	291	247	287	271	435
	acres, 1987	8 593	5 602	12 943	29 785	35 431	26 481	18 542	26 567
	1982	9 386	5 594	22 912	27 773	34 970	27 218	14 635	32 869
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	1 532	869	1 080	614	516	619	704	1 011
	1982	1 690	969	1 209	735	620	675	778	1 141
	acres, 1987	23 131	12 600	19 937	21 671	12 321	14 469	14 218	20 392
	1982	29 417	17 058	25 193	23 621	14 973	17 369	13 890	25 114
Pastureland, all types	farms, 1987	635	410	767	606	526	576	623	953
	1982	733	470	903	697	586	654	671	1 006
	acres, 1987	23 968	16 662	50 606	82 711	86 590	80 010	50 318	84 777
	1982	25 294	20 027	64 989	86 108	88 951	93 807	58 310	92 280
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	1 275	773	927	443	358	424	383	574
	1982	220	319	379	252	170	179	161	232
	acres, 1987	59 559	45 231	50 995	19 073	13 025	14 521	16 099	23 590
	1982	3 627	5 577	6 853	4 780	2 449	2 669	2 768	4 073
Cropland placed under the conservation reserve program	farms, 1987	49	53	107	151	101	114	65	76
	acres, 1987	5 310	2 422	8 901	21 865	13 818	11 631	5 214	4 698

See footnotes at end of table.

Table 5. **Farms, Land in Farms, and Land Use: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

All Farms		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	22	9	23	8	18	8	7	8
	1982	40	101	43	50	47	18	38	51
	acres, 1987	495	139	1 285	99	397	126	282	514
	1982	2 015	5 061	572	413	1 009	389	353	870
Cropland in cultivated summer fallow	farms, 1987	14	8	5	14	26	10	7	13
	1982	9	12	5	33	6	10	13	3
	acres, 1987	836	343	183	513	1 092	1 152	114	729
	1982	81	496	147	706	573	438	199	22
Cropland idle	farms, 1987	408	235	712	380	424	607	320	522
	1982	166	181	291	268	199	318	242	211
	acres, 1987	27 531	19 076	47 002	26 478	24 482	56 668	26 733	41 785
	1982	4 568	5 761	8 005	5 678	4 269	9 688	6 667	5 107
Total woodland	farms, 1987	371	202	187	121	800	209	120	94
	1982	406	257	211	132	832	259	148	113
	acres, 1987	16 025	10 426	13 583	2 662	37 755	8 424	1 964	3 014
	1982	19 209	14 923	13 731	1 654	40 494	10 771	2 717	4 206
Woodland pastured	farms, 1987	169	129	95	64	499	96	64	36
	1982	242	153	130	82	576	143	76	68
	acres, 1987	6 812	6 648	7 573	1 352	21 748	5 246	973	1 284
	1982	10 713	9 124	7 240	926	26 404	6 930	1 614	2 871
Woodland not pastured	farms, 1987	261	100	113	78	500	131	68	67
	1982	242	140	121	84	466	136	89	63
	acres, 1987	9 213	3 778	6 010	1 310	16 007	3 178	991	1 730
	1982	8 496	5 799	6 491	726	14 090	3 841	1 103	1 335
Other land	farms, 1987	918	614	901	579	1 361	1 068	538	673
	1982	1 015	689	956	720	1 443	1 283	656	838
	acres, 1987	26 813	52 961	18 867	15 207	38 569	44 010	14 138	17 842
	1982	35 342	51 164	25 672	19 855	49 705	52 959	18 170	25 044
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	241	243	104	96	486	279	89	82
	1982	260	251	111	119	507	294	120	98
	acres, 1987	11 076	36 282	4 302	3 107	19 614	18 508	3 092	3 002
	1982	14 301	32 032	6 241	3 620	22 308	20 861	3 627	3 387
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	678	562	882	565	1 268	1 012	521	660
	1982	965	652	927	708	1 387	1 240	643	832
	acres, 1987	15 737	16 699	14 565	12 100	18 955	25 502	11 046	14 840
	1982	21 041	19 132	19 431	16 235	27 397	32 098	14 543	21 657
Pastureland, all types	farms, 1987	647	590	313	216	1 198	730	246	213
	1982	742	616	397	277	1 323	926	302	279
	acres, 1987	42 072	106 355	17 889	7 622	78 342	59 619	10 129	8 935
	1982	50 561	97 557	19 565	8 822	88 712	68 470	10 281	10 221
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	751	417	943	578	854	834	503	733
	1982	217	178	274	301	254	355	288	219
	acres, 1987	40 074	16 593	55 010	34 102	29 579	59 384	32 161	48 514
	1982	4 888	3 416	4 817	5 778	3 795	8 402	5 793	4 107
Cropland placed under the conservation reserve program	farms, 1987	64	188	35	104	188	145	118	50
	acres, 1987	4 845	22 687	2 073	7 680	15 776	22 359	7 798	3 468

[1] Data are based on a sample of farms, see text.

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms number, 1987	92 878	859	587	928	761	721	1 276
1982	103 644	963	662	1 021	794	820	1 434
acres harvested, 1987	20 484 178	196 940	115 392	140 130	94 539	172 611	301 315
1982	24 137 670	217 307	142 514	171 287	99 079	207 627	352 554
HARVESTED CROPLAND BY SIZE OF FARM							
1987 size of farm:							
1 to 9 acres farms	1 373	5	8	7	7	14	18
acres harvested	4 938	11	23	19	21	60	53
10 to 49 acres farms	7 873	48	28	38	69	35	94
acres harvested	126 800	807	403	606	1 073	532	1 881
50 to 69 acres farms	2 463	19	11	17	32	11	34
acres harvested	84 171	762	188	578	836	320	1 172
70 to 99 acres farms	6 397	53	35	37	82	42	84
acres harvested	324 340	2 183	1 648	1 569	2 948	2 203	4 367
100 to 139 acres farms	6 699	58	35	76	72	54	74
acres harvested	479 587	3 713	2 007	4 400	3 275	4 034	5 610
140 to 179 acres farms	10 135	95	42	98	68	78	145
acres harvested	1 044 568	8 591	3 249	7 664	4 004	7 501	16 342
180 to 219 acres farms	6 344	50	40	95	79	50	103
acres harvested	794 890	5 941	3 379	8 667	5 325	6 278	14 012
220 to 259 acres farms	6 979	64	39	91	51	49	111
acres harvested	1 091 180	8 283	5 545	11 462	4 168	7 080	19 796
260 to 499 acres farms	25 092	241	171	319	152	239	355
acres harvested	6 045 183	48 920	30 601	53 661	22 457	59 429	92 726
500 to 999 acres farms	15 812	173	146	113	117	120	215
acres harvested	7 115 018	67 568	48 239	32 774	34 105	54 763	105 251
1,000 to 1,999 acres farms	3 391	43	30	35	29	24	41
acres harvested	2 862 824	31 686	(D)	(D)	14 950	22 578	(D)
2,000 acres or more farms	320	10	2	2	3	5	2
acres harvested	510 679	18 475	(D)	(D)	1 377	7 833	(D)
1982 size of farm:							
1 to 9 acres farms	1 648	4	3	5	3	8	21
acres harvested	6 146	6	17	18	15	24	61
10 to 49 acres farms	9 119	49	33	38	98	52	123
acres harvested	161 481	1 034	481	525	1 818	724	2 246
50 to 69 acres farms	2 768	22	10	24	35	18	29
acres harvested	106 811	851	340	906	859	676	1 144
70 to 99 acres farms	7 124	59	29	49	80	49	72
acres harvested	413 979	3 294	1 338	2 526	3 127	2 665	4 326
100 to 139 acres farms	7 577	55	51	66	62	61	89
acres harvested	634 220	3 590	3 492	4 696	3 104	5 258	7 569
140 to 179 acres farms	11 724	110	58	108	67	109	170
acres harvested	1 407 441	11 667	5 279	9 900	4 208	12 983	21 840
180 to 219 acres farms	7 649	65	50	106	78	54	103
acres harvested	1 112 869	8 206	5 514	11 470	5 943	8 269	15 931
220 to 259 acres farms	8 699	84	44	100	58	62	159
acres harvested	1 567 561	12 951	6 124	12 679	5 669	11 133	30 986
260 to 499 acres farms	29 429	287	199	342	170	272	430
acres harvested	8 122 130	67 146	41 309	62 684	27 784	75 225	127 526
500 to 999 acres farms	14 807	186	164	146	120	110	204
acres harvested	7 359 062	78 102	65 176	44 906	34 030	56 073	107 208
1,000 to 1,999 acres farms	2 792	39	19	35	21	21	33
acres harvested	2 643 971	27 702	(D)	(D)	(D)	23 797	(D)
2,000 acres or more farms	308	3	2	2	2	4	1
acres harvested	601 999	2 758	(D)	(D)	(D)	10 800	(D)
HARVESTED CROPLAND BY ACRES HARVESTED							
1987 acres harvested:							
1 to 9 acres farms	4 624	20	30	41	45	33	42
acres	23 646	99	132	189	279	183	205
10 to 19 acres farms	4 100	32	12	32	64	21	50
acres	56 036	450	153	426	858	273	678
20 to 29 acres farms	3 360	33	31	29	67	19	38
acres	79 443	765	733	679	1 532	456	945
30 to 49 acres farms	5 464	55	47	78	110	37	72
acres	210 066	2 165	1 761	3 047	4 212	1 509	2 756
50 to 99 acres farms	13 956	138	94	196	180	114	160
acres	1 016 312	10 289	6 867	14 650	12 257	8 451	11 892
100 to 199 acres farms	23 454	229	147	320	150	171	338
acres	3 385 193	32 450	21 456	45 712	21 186	24 595	49 944
200 to 499 acres farms	29 005	264	187	205	120	254	435
acres	9 062 600	78 298	57 361	57 204	37 590	79 893	136 131
500 to 999 acres farms	7 723	72	34	26	24	56	126
acres	5 066 459	46 739	21 620	(D)	(D)	36 040	80 930
1,000 acres or more farms	1 192	16	5	1	1	16	15
acres	1 584 423	25 685	5 309	(D)	(D)	21 211	17 834
1982 acres harvested:							
1 to 9 acres farms	4 687	17	22	28	26	36	57
acres	23 846	73	130	143	173	195	245
10 to 19 acres farms	4 111	30	17	23	76	19	46
acres	55 469	448	242	319	984	253	639
20 to 29 acres farms	2 987	17	23	25	61	19	34
acres	70 384	409	560	574	1 398	445	811
30 to 49 acres farms	5 407	49	32	56	115	29	65
acres	205 758	1 968	1 197	2 250	4 379	1 116	2 383
50 to 99 acres farms	13 768	137	105	201	185	105	138
acres	1 005 760	9 916	7 834	14 784	13 018	7 994	10 217
100 to 199 acres farms	26 637	289	174	396	172	215	367
acres	3 874 095	41 962	25 259	55 930	24 273	30 716	54 461
200 to 499 acres farms	35 830	343	242	260	141	315	585
acres	11 120 278	105 389	76 011	75 698	42 363	96 482	181 574
500 to 999 acres farms	8 729	72	45	30	17	65	123
acres	5 706 842	46 558	(D)	(D)	(D)	42 988	79 479
1,000 acres or more farms	1 488	9	2	2	1	17	19
acres	2 075 238	10 584	(D)	(D)	(D)	27 438	22 745

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982 —Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms .... number, 1987	**1 125**	**938**	**985**	**1 198**	**996**	**1 115**	**927**
1982	**1 210**	**1 049**	**1 156**	**1 273**	**1 099**	**1 290**	**1 082**
acres harvested, 1987	**223 324**	**245 517**	**188 783**	**236 312**	**284 594**	**220 095**	**283 491**
1982	**257 275**	**275 122**	**201 291**	**275 747**	**309 121**	**273 785**	**306 918**
HARVESTED CROPLAND BY SIZE OF FARM							
1987 size of farm:							
1 to 9 acres .... farms	49	18	26	15	9	22	8
acres harvested	174	69	86	64	31	87	36
10 to 49 acres .... farms	165	94	124	118	42	100	60
acres harvested	2 953	1 580	1 936	2 173	616	1 685	1 060
50 to 69 acres .... farms	39	24	38	38	11	10	16
acres harvested	1 597	772	1 311	1 250	429	292	575
70 to 99 acres .... farms	121	76	79	116	64	70	64
acres harvested	6 750	3 921	4 309	5 999	3 772	3 807	3 761
100 to 139 acres .... farms	74	77	129	159	47	90	46
acres harvested	5 927	5 786	10 572	12 481	4 126	7 434	3 970
140 to 179 acres .... farms	137	76	130	165	136	150	94
acres harvested	15 713	8 681	14 855	17 810	15 771	16 558	11 110
180 to 219 acres .... farms	69	59	80	72	45	80	50
acres harvested	10 053	8 042	11 427	9 947	6 652	11 462	7 339
220 to 259 acres .... farms	56	52	78	69	85	120	63
acres harvested	9 604	8 224	13 194	11 716	14 997	19 639	11 268
260 to 499 acres .... farms	230	234	205	248	323	295	287
acres harvested	60 993	63 057	53 330	65 266	90 265	75 773	81 887
500 to 999 acres .... farms	151	179	78	163	204	155	204
acres harvested	74 520	92 930	39 115	77 467	97 764	70 792	103 972
1,000 to 1,999 acres .... farms	33	45	16	34	28	23	32
acres harvested	(D)	45 167	18 628	(D)	(D)	21 566	33 449
2,000 acres or more .... farms	1	4	-	1	2	-	3
acres harvested	(D)	7 288	-	(D)	(D)	-	5 042
1982 size of farm:							
1 to 9 acres .... farms	47	29	35	17	13	26	23
acres harvested	178	102	122	60	45	103	89
10 to 49 acres .... farms	178	105	132	133	57	142	87
acres harvested	3 409	1 741	2 387	2 438	1 144	2 473	1 751
50 to 69 acres .... farms	52	27	39	52	9	36	19
acres harvested	2 551	1 154	1 586	2 241	344	1 635	854
70 to 99 acres .... farms	133	69	138	101	60	80	62
acres harvested	8 794	4 299	9 245	8 138	4 036	5 154	4 449
100 to 139 acres .... farms	99	81	148	145	52	111	71
acres harvested	9 549	7 366	13 445	13 118	5 136	10 578	7 108
140 to 179 acres .... farms	140	104	144	177	159	175	100
acres harvested	18 331	13 229	17 893	21 840	21 697	22 698	13 653
180 to 219 acres .... farms	76	83	113	101	52	92	64
acres harvested	12 911	12 961	17 396	16 166	8 824	14 376	11 041
220 to 259 acres .... farms	79	53	84	91	114	148	80
acres harvested	15 525	10 725	16 359	18 078	24 260	28 929	16 774
260 to 499 acres .... farms	244	292	238	307	382	355	370
acres harvested	74 245	92 104	68 688	93 705	121 395	104 607	120 353
500 to 999 acres .... farms	135	171	74	118	180	104	178
acres harvested	76 281	92 675	40 284	65 883	99 538	56 782	99 760
1,000 to 1,999 acres .... farms	22	32	9	28	20	19	27
acres harvested	24 316	32 291	(D)	29 929	(D)	(D)	(D)
2,000 acres or more .... farms	5	3	2	3	1	2	1
acres harvested	11 185	6 475	(D)	6 131	(D)	(D)	(D)
HARVESTED CROPLAND BY ACRES HARVESTED							
1987 acres harvested:							
1 to 9 acres .... farms	91	50	71	46	32	64	37
acres	431	228	358	260	154	342	211
10 to 19 acres .... farms	60	56	63	48	10	36	14
acres	778	765	844	671	132	499	217
20 to 29 acres .... farms	50	27	35	47	7	27	15
acres	1 166	640	850	1 146	170	615	359
30 to 49 acres .... farms	90	53	56	81	29	40	31
acres	3 457	2 037	2 159	3 212	1 163	1 631	1 174
50 to 99 acres .... farms	177	131	183	267	119	164	101
acres	12 560	9 566	13 697	19 698	8 801	12 433	7 111
100 to 199 acres .... farms	269	191	294	297	251	360	209
acres	37 968	27 563	41 984	41 222	36 537	52 411	29 815
200 to 499 acres .... farms	289	284	227	321	449	351	383
acres	92 528	92 339	67 427	103 462	144 916	108 977	123 993
500 to 999 acres .... farms	85	121	48	78	90	66	117
acres	55 616	78 592	31 279	50 955	59 492	43 736	75 060
1,000 acres or more .... farms	14	25	8	13	9	7	20
acres	18 800	33 787	10 165	15 686	13 229	8 451	25 551
1982 acres harvested:							
1 to 9 acres .... farms	90	70	70	55	30	79	44
acres	427	336	334	300	149	414	218
10 to 19 acres .... farms	62	41	58	48	20	47	32
acres	835	520	782	652	268	602	425
20 to 29 acres .... farms	38	24	30	46	13	21	13
acres	865	577	707	1 072	299	476	311
30 to 49 acres .... farms	87	49	63	61	21	58	33
acres	3 259	1 836	2 461	2 380	779	2 210	1 202
50 to 99 acres .... farms	195	121	243	220	92	156	104
acres	13 951	9 104	18 111	15 943	6 820	11 347	7 726
100 to 199 acres .... farms	288	223	340	345	251	383	214
acres	41 298	32 395	47 455	49 100	36 316	54 793	30 985
200 to 499 acres .... farms	330	[illegible]	295	399	547	459	488
acres	102 765	125 894	88 802	125 992	175 753	135 586	158 102
500 to 999 acres .... farms	99	119	49	75	115	70	137
acres	63 385	77 468	31 453	49 392	74 688	45 226	86 739
1,000 acres or more .... farms	21	20	8	24	10	17	17
acres	30 [illegible]	26 992	11 186	30 916	14 049	23 111	21 210

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and s;mbols, see introductory text]

Farms with harvested cropland	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms .... number, 1987..	1 164	834	1 012	847	979	953	586
1982..	1 248	964	1 172	945	1 095	1 051	677
acres harvested, 1987..	270 382	213 323	230 061	233 423	230 141	187 589	93 996
1982..	300 937	246 427	281 855	281 033	262 179	232 837	114 076
HARVESTED CROPLAND BY SIZE OF FARM							
1987 size of farm:							
1 to 9 acres .... farms..	10	10	22	21	9	17	4
acres harvested..	44	26	84	102	31	82	11
10 to 49 acres .... farms..	66	45	60	103	74	77	38
acres harvested..	1 207	765	980	1 428	1 377	1 341	679
50 to 69 acres .... farms..	17	11	19	18	10	33	14
acres harvested..	747	411	628	586	398	1 027	527
70 to 99 acres .... farms..	53	58	65	51	56	87	40
acres harvested..	3 094	3 146	3 422	2 972	3 365	4 798	1 513
100 to 139 acres .... farms..	97	48	61	35	49	86	43
acres harvested..	6 631	3 114	5 029	2 913	3 815	5 793	1 801
140 to 179 acres .... farms..	148	86	128	71	96	108	61
acres harvested..	17 615	8 607	15 157	8 185	10 902	11 358	4 305
180 to 219 acres .... farms..	87	55	72	37	66	78	37
acres harvested..	12 580	6 214	9 928	5 469	9 533	9 967	3 017
220 to 259 acres .... farms..	125	72	68	55	75	70	42
acres harvested..	22 651	10 543	11 328	9 559	13 184	10 835	5 117
260 to 499 acres .... farms..	382	221	310	226	341	257	156
acres harvested..	96 557	53 075	79 693	59 853	88 692	61 029	23 321
500 to 999 acres .... farms..	174	176	179	186	170	118	116
acres harvested..	83 657	50 052	80 467	93 266	75 538	57 993	31 595
1,000 to 1,999 acres .... farms..	25	47	27	39	31	20	29
acres harvested..	23 609	39 331	(D)	38 121	23 306	(D)	16 026
2,000 acres or more .... farms..	-	5	1	5	-	2	4
acres harvested..	-	7 989	(D)	10 869	-	(D)	6 064
1982 size of farm:							
1 to 9 acres .... farms..	12	12	17	18	16	26	8
acres harvested..	29	26	61	64	51	99	33
10 to 49 acres .... farms..	56	64	94	113	77	105	58
acres harvested..	1 090	1 131	1 685	1 933	1 485	1 967	983
50 to 69 acres .... farms..	23	24	26	20	12	34	16
acres harvested..	1 027	1 046	1 081	811	471	1 442	473
70 to 99 acres .... farms..	60	54	76	56	62	82	48
acres harvested..	4 097	2 722	4 887	3 785	3 753	4 970	2 010
100 to 139 acres .... farms..	97	60	96	52	63	106	61
acres harvested..	9 402	4 575	9 229	5 329	5 759	9 362	3 465
140 to 179 acres .... farms..	191	89	160	84	129	130	75
acres harvested..	25 499	9 736	21 468	11 657	17 317	15 925	6 170
180 to 219 acres .... farms..	125	68	100	62	94	93	37
acres harvested..	20 548	9 299	16 567	10 505	14 510	13 998	4 054
220 to 259 acres .... farms..	138	102	97	80	90	78	51
acres harvested..	27 546	16 818	19 078	16 619	17 358	15 108	5 447
260 to 499 acres .... farms..	392	272	333	269	383	266	173
acres harvested..	116 585	72 770	99 742	86 151	110 422	75 212	30 633
500 to 999 acres .... farms..	134	181	141	141	151	98	125
acres harvested..	69 644	87 786	74 412	80 978	75 724	53 780	40 415
1,000 to 1,999 acres .... farms..	19	32	32	42	18	30	22
acres harvested..	(D)	29 634	33 425	46 176	15 329	33 007	14 858
2,000 acres or more .... farms..	1	6	-	8	-	3	3
acres harvested..	(D)	10 882	-	17 025	-	7 967	5 535
HARVESTED CROPLAND BY ACRES HARVESTED							
1987 acres harvested:							
1 to 9 acres .... farms..	27	24	46	69	31	50	19
acres..	148	109	215	373	141	280	106
10 to 19 acres .... farms..	29	30	30	37	23	39	37
acres..	387	412	417	508	316	556	515
20 to 29 acres .... farms..	14	21	24	19	23	37	32
acres..	330	538	566	457	533	850	742
30 to 49 acres .... farms..	32	37	36	34	40	64	66
acres..	1 224	1 509	1 366	1 320	1 575	2 507	2 451
50 to 99 acres .... farms..	143	128	134	72	112	166	127
acres..	10 790	9 665	10 218	5 255	8 172	12 088	9 062
100 to 199 acres .... farms..	371	207	283	190	252	276	154
acres..	54 386	29 939	41 472	28 310	38 026	40 227	23 167
200 to 499 acres .... farms..	454	271	373	298	418	249	127
acres..	138 023	84 578	116 775	95 817	129 102	76 373	38 423
500 to 999 acres .... farms..	84	100	81	106	77	65	21
acres..	53 479	66 370	52 962	71 380	48 715	44 330	13 325
1,000 acres or more .... farms..	10	16	5	22	3	7	3
acres..	11 625	20 203	6 090	30 003	3 561	10 378	6 205
1982 acres harvested:							
1 to 9 acres .... farms..	31	34	42	65	40	56	26
acres..	141	150	224	349	166	272	119
10 to 19 acres .... farms..	12	35	27	33	24	40	42
acres..	147	443	348	437	321	578	572
20 to 29 acres .... farms..	14	18	38	15	19	27	26
acres..	322	439	906	359	447	637	611
30 to 49 acres .... farms..	35	38	41	41	40	58	73
acres..	1 316	1 478	1 588	1 565	1 497	2 250	2 724
50 to 99 acres .... farms..	122	123	125	74	100	157	150
acres..	9 199	8 923	9 096	5 401	7 361	11 157	10 939
100 to 199 acres .... farms..	418	254	354	197	309	306	164
acres..	60 971	36 881	51 638	29 247	45 961	43 973	24 002
200 to 499 acres .... farms..	525	348	433	375	470	323	162
acres..	159 983	109 466	134 178	120 351	145 129	98 093	48 147
500 to 999 acres .... farms..	79	93	98	111	88	60	28
acres..	50 926	60 140	65 708	73 617	55 876	42 627	17 207
1,000 acres or more .... farms..	12	21	14	34	5	24	6
acres..	17 932	28 507	18 169	49 707	5 421	33 250	9 755

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms .... number, 1987	795	1 808	1 256	1 126	947	795	581
1982	957	1 863	1 394	1 349	1 079	847	667
acres harvested, 1987	229 226	240 156	258 802	264 366	223 550	107 897	97 184
1982	289 853	264 630	321 273	311 178	272 553	136 324	131 493
HARVESTED CROPLAND BY SIZE OF FARM							
1987 size of farm:							
1 to 9 acres .... farms	14	17	20	14	24	6	4
acres harvested	48	59	74	43	107	16	23
10 to 49 acres .... farms	48	91	116	82	149	72	33
acres harvested	835	1 586	1 806	1 472	2 148	1 145	543
50 to 69 acres .... farms	5	43	26	21	36	29	13
acres harvested	232	1 510	1 116	778	1 066	811	366
70 to 99 acres .... farms	47	93	89	64	89	83	46
acres harvested	2 603	4 548	5 262	3 255	4 311	2 745	1 556
100 to 139 acres .... farms	35	130	108	56	66	80	41
acres harvested	3 036	8 606	8 726	4 694	4 120	3 967	1 462
140 to 179 acres .... farms	89	182	140	126	75	84	54
acres harvested	9 732	16 091	14 699	13 122	7 414	5 095	3 294
180 to 219 acres .... farms	41	167	111	76	52	66	42
acres harvested	5 506	16 178	15 100	9 901	6 447	4 896	2 716
220 to 259 acres .... farms	46	141	93	104	54	54	33
acres harvested	9 033	19 205	15 692	16 751	8 153	5 128	2 386
260 to 499 acres .... farms	243	424	337	329	183	168	141
acres harvested	64 067	81 164	82 209	80 913	45 145	24 860	19 998
500 to 999 acres .... farms	192	193	185	209	160	118	121
acres harvested	98 498	70 092	87 230	91 997	78 120	32 265	31 780
1,000 to 1,999 acres .... farms	33	24	29	42	51	28	38
acres harvested	(D)	16 090	26 566	37 025	49 245	17 380	(D)
2,000 acres or more .... farms	2	3	-	3	8	8	15
acres harvested	(D)	2 629	-	4 415	17 254	9 289	(D)
1982 size of farm:							
1 to 9 acres .... farms	13	10	26	15	20	5	6
acres harvested	39	51	96	53	87	22	28
10 to 49 acres .... farms	66	93	133	99	170	65	44
acres harvested	1 236	1 602	2 621	1 922	2 953	1 126	677
50 to 69 acres .... farms	12	39	31	41	38	32	13
acres harvested	663	1 392	1 215	1 635	1 451	857	312
70 to 99 acres .... farms	55	109	86	82	95	78	52
acres harvested	3 747	5 496	5 595	4 849	5 531	3 168	2 039
100 to 139 acres .... farms	50	137	138	80	73	117	45
acres harvested	5 080	9 913	13 184	7 212	5 798	7 043	2 171
140 to 179 acres .... farms	105	194	154	137	83	81	64
acres harvested	13 664	19 041	19 894	15 977	10 668	5 248	4 673
180 to 219 acres .... farms	48	201	128	108	54	59	35
acres harvested	7 495	23 814	20 012	15 946	7 475	5 150	3 104
220 to 259 acres .... farms	79	137	111	133	73	65	45
acres harvested	15 552	18 594	21 711	23 323	13 581	6 456	4 690
260 to 499 acres .... farms	305	442	386	423	250	173	169
acres harvested	92 881	95 857	113 071	111 481	74 203	30 402	33 020
500 to 999 acres .... farms	187	170	165	198	175	129	119
acres harvested	109 540	65 132	87 502	97 403	91 998	43 802	36 858
1,000 to 1,999 acres .... farms	36	30	36	31	42	39	41
acres harvested	(D)	(D)	36 372	(D)	45 720	28 641	26 906
2,000 acres or more .... farms	1	1	-	2	6	4	14
acres harvested	(D)	(D)	-	(D)	13 088	4 407	17 015
HARVESTED CROPLAND BY ACRES HARVESTED							
1987 acres harvested:							
1 to 9 acres .... farms	30	52	56	45	86	43	25
acres	139	266	272	230	469	234	151
10 to 19 acres .... farms	18	68	55	35	88	65	48
acres	242	975	746	480	1 181	837	600
20 to 29 acres .... farms	16	64	32	32	56	63	54
acres	391	1 515	803	744	1 314	1 453	1 246
30 to 49 acres .... farms	21	106	56	54	60	101	57
acres	830	4 015	2 121	2 179	2 277	3 800	2 149
50 to 99 acres .... farms	95	331	218	153	130	210	125
acres	6 814	24 481	15 730	11 770	9 265	14 609	8 614
100 to 199 acres .... farms	177	473	356	303	156	169	113
acres	25 580	67 507	50 998	44 664	22 311	23 645	15 939
200 to 499 acres .... farms	311	360	384	397	239	109	121
acres	101 312	103 495	118 581	124 317	74 221	33 685	36 655
500 to 999 acres .... farms	110	47	88	95	102	27	28
acres	71 737	29 478	56 765	62 167	66 059	13 148	17 723
1,000 acres or more .... farms	17	7	11	14	30	8	10
acres	22 161	8 426	12 496	17 815	44 453	10 986	13 907
1982 acres harvested:							
1 to 9 acres .... farms	30	34	58	51	84	29	28
acres	127	186	280	278	470	166	148
10 to 19 acres .... farms	22	61	47	32	73	57	49
acres	301	826	618	472	996	775	656
20 to 29 acres .... farms	22	52	40	34	42	53	30
acres	521	1 241	908	806	997	1 252	686
30 to 49 acres .... farms	20	107	61	59	76	101	56
acres	771	4 133	2 262	2 272	2 949	3 810	2 071
50 to 99 acres .... farms	90	320	172	172	134	219	115
acres	6 649	23 540	12 613	12 911	9 776	15 378	8 203
100 to 199 acres .... farms	219	532	415	377	187	183	171
acres	32 294	75 010	60 698	55 740	27 245	26 245	23 942
200 to 499 acres .... farms	387	397	472	498	336	151	166
acres	122 845	116 069	149 236	150 408	108 008	45 884	50 296
500 to 999 acres .... farms	149	53	109	114	119	45	40
acres	102 300	35 289	71 131	72 557	80 350	30 888	26 337
1,000 acres or more .... farms	18	7	20	12	28	9	12
acres	24 045	8 336	23 325	15 734	41 762	11 926	19 154

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms	**number, 1987**	**1 315**	**668**	**534**	**1 469**	**553**	**1 353**	**888**	**900**
	1982	**1 368**	**719**	**598**	**1 549**	**665**	**1 483**	**1 001**	**1 065**
	acres harvested, 1987	**242 896**	**133 157**	**151 322**	**206 360**	**165 963**	**279 159**	**215 365**	**251 619**
	1982	**275 074**	**160 882**	**186 783**	**223 575**	**207 764**	**330 393**	**253 591**	**309 260**
HARVESTED CROPLAND BY SIZE OF FARM									
1987 size of farm:									
1 to 9 acres	farms	14	23	6	23	9	21	21	13
	acres harvested	59	89	15	84	29	76	87	56
10 to 49 acres	farms	68	77	44	119	32	84	92	41
	acres harvested	1 124	1 140	524	2 027	(D)	1 418	1 603	733
50 to 69 acres	farms	29	32	9	54	11	31	26	16
	acres harvested	953	985	254	1 994	478	1 114	943	626
70 to 99 acres	farms	81	59	49	82	22	100	67	48
	acres harvested	4 584	2 709	2 767	4 500	1 145	5 896	3 782	2 756
100 to 139 acres	farms	126	64	19	164	14	117	60	53
	acres harvested	10 233	4 197	1 515	12 277	1 076	8 999	4 645	4 491
140 to 179 acres	farms	233	67	45	271	44	170	84	87
	acres harvested	26 924	5 954	5 302	28 745	5 031	17 916	8 896	9 915
180 to 219 acres	farms	148	46	13	215	24	123	52	51
	acres harvested	20 814	5 265	1 744	29 304	3 052	15 328	7 553	7 431
220 to 259 acres	farms	131	42	32	124	32	115	67	77
	acres harvested	22 358	6 004	5 520	19 439	5 653	18 191	12 046	13 422
260 to 499 acres	farms	338	160	164	321	194	389	221	285
	acres harvested	82 128	36 944	43 767	68 329	52 384	95 783	59 001	74 523
500 to 999 acres	farms	125	89	119	86	145	154	161	188
	acres harvested	55 218	41 275	59 529	31 567	71 104	70 591	80 669	96 339
1,000 to 1,999 acres	farms	22	24	34	9	24	46	31	37
	acres harvested	18 501	19 169	30 385	(D)	(D)	38 947	29 112	32 412
2,000 acres or more	farms	-	5	-	1	2	3	4	4
	acres harvested	-	9 426	-	(D)	(D)	4 900	7 008	8 915
1982 size of farm:									
1 to 9 acres	farms	20	17	9	19	9	20	22	19
	acres harvested	76	74	34	70	29	82	87	70
10 to 49 acres	farms	75	91	40	145	39	131	120	64
	acres harvested	1 415	1 295	678	2 301	618	2 426	2 336	1 308
50 to 69 acres	farms	31	31	13	50	18	35	40	22
	acres harvested	1 377	979	575	1 943	743	1 528	1 540	933
70 to 99 acres	farms	87	60	30	104	25	111	70	59
	acres harvested	5 099	2 999	1 789	5 800	1 543	6 996	4 598	4 027
100 to 139 acres	farms	122	64	27	151	25	131	75	51
	acres harvested	11 057	5 127	2 604	12 698	2 671	10 984	7 165	4 975
140 to 179 acres	farms	252	67	66	277	76	180	103	109
	acres harvested	32 841	7 805	9 007	31 183	10 351	20 450	13 412	15 140
180 to 219 acres	farms	153	63	24	241	28	147	61	80
	acres harvested	23 835	8 690	3 764	33 583	4 811	21 455	10 222	13 491
220 to 259 acres	farms	154	44	41	144	36	117	75	98
	acres harvested	28 349	7 364	8 043	23 820	7 455	21 639	14 752	20 311
260 to 499 acres	farms	333	174	197	326	249	402	262	370
	acres harvested	92 406	45 747	62 363	73 702	81 712	110 407	82 158	113 045
500 to 999 acres	farms	126	84	120	84	146	175	142	159
	acres harvested	64 281	43 273	66 608	31 335	81 662	87 841	79 425	89 107
1,000 to 1,999 acres	farms	15	20	30	7	11	41	29	28
	acres harvested	14 338	17 472	(D)	(D)	10 775	40 417	(D)	31 654
2,000 acres or more	farms	-	4	1	1	3	3	2	6
	acres harvested	-	20 057	(D)	(D)	5 414	6 168	(D)	15 199
HARVESTED CROPLAND BY ACRES HARVESTED									
1987 acres harvested:									
1 to 9 acres	farms	36	63	28	70	24	54	51	28
	acres	203	318	131	335	101	242	249	145
10 to 19 acres	farms	39	46	16	54	15	43	37	17
	acres	533	635	212	784	166	582	522	244
20 to 29 acres	farms	35	32	20	56	8	42	37	17
	acres	822	756	458	1 366	209	984	899	399
30 to 49 acres	farms	49	47	23	91	19	56	45	19
	acres	1 878	1 798	888	3 536	768	2 179	1 756	753
50 to 99 acres	farms	213	129	50	297	34	254	123	99
	acres	15 725	9 272	3 742	22 071	2 394	19 000	8 761	7 320
100 to 199 acres	farms	512	153	99	609	108	410	186	226
	acres	73 961	22 173	14 630	86 718	15 500	59 348	27 005	33 115
200 to 499 acres	farms	370	157	212	271	257	388	300	355
	acres	107 068	49 553	68 764	75 869	83 452	117 736	94 131	108 921
500 to 999 acres	farms	58	53	73	18	77	95	95	127
	acres	39 343	35 691	47 282	11 431	49 053	64 866	63 337	81 827
1,000 acres or more	farms	3	8	13	3	11	11	14	12
	acres	3 363	12 961	15 215	4 250	14 320	14 222	18 665	18 895
1982 acres harvested:									
1 to 9 acres	farms	34	56	20	66	22	56	59	40
	acres	178	311	108	346	93	255	323	181
10 to 19 acres	farms	38	50	20	69	15	50	39	17
	acres	486	664	279	924	180	711	572	235
20 to 29 acres	farms	34	32	11	50	13	46	31	13
	acres	828	749	253	1 162	316	1 100	714	317
30 to 49 acres	farms	60	45	12	93	18	83	60	33
	acres	2 260	1 686	410	3 514	684	3 183	2 250	1 232
50 to 99 acres	farms	171	102	49	293	37	222	120	98
	acres	12 866	7 505	3 471	21 935	2 726	16 490	8 916	7 278
100 to 199 acres	farms	528	176	122	632	128	437	223	235
	acres	77 014	25 810	17 910	89 762	18 806	62 931	33 096	35 591
200 to 499 acres	farms	422	189	255	325	322	466	349	487
	acres	126 193	58 268	83 850	90 650	107 021	143 844	113 311	149 706
500 to 999 acres	farms	77	60	89	17	102	107	99	120
	acres	49 813	39 239	56 535	10 400	66 133	68 789	65 086	78 079
1,000 acres or more	farms	4	9	20	4	6	26	21	22
	acres	5 436	26 650	23 967	4 882	11 825	33 090	29 321	36 641

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms	number, 1987	636	850	929	830	935	978	944	925
	1982	706	956	1 012	984	1 059	1 103	1 071	1 093
	acres harvested, 1987	203 010	258 005	243 481	176 264	282 514	259 372	243 566	253 868
	1982	221 709	298 927	280 478	212 433	312 961	309 687	295 747	298 908
HARVESTED CROPLAND BY SIZE OF FARM									
1987 size of farm:									
1 to 9 acres	farms	5	11	19	5	19	6	22	15
	acres harvested	22	28	71	17	55	17	67	69
10 to 49 acres	farms	47	68	59	73	56	49	70	70
	acres harvested	893	1 291	866	1 153	931	811	1 218	1 152
50 to 69 acres	farms	10	22	15	28	18	10	16	23
	acres harvested	330	895	609	750	687	417	529	828
70 to 99 acres	farms	48	33	53	45	60	50	55	40
	acres harvested	2 423	1 804	3 239	1 904	3 594	2 998	3 152	1 741
100 to 139 acres	farms	34	28	52	66	54	40	59	67
	acres harvested	2 042	2 528	4 721	4 598	4 507	3 306	5 249	4 710
140 to 179 acres	farms	55	82	150	85	86	149	65	76
	acres harvested	5 383	9 600	18 262	7 999	10 100	17 466	9 499	6 792
180 to 219 acres	farms	30	48	50	54	63	48	73	48
	acres harvested	3 955	7 116	7 465	6 135	8 207	5 201	10 523	5 744
220 to 259 acres	farms	28	45	106	47	65	75	71	54
	acres harvested	4 397	7 848	19 602	5 563	11 476	13 059	12 411	8 110
260 to 499 acres	farms	146	251	238	214	286	325	265	251
	acres harvested	35 297	66 872	65 492	44 594	78 671	88 223	72 740	62 368
500 to 999 acres	farms	162	210	146	171	190	199	192	219
	acres harvested	76 187	106 345	75 917	69 533	99 558	101 985	94 417	101 508
1,000 to 1,999 acres	farms	65	47	36	36	34	26	34	54
	acres harvested	60 204	42 900	33 474	25 332	34 006	24 890	(D)	45 840
2,000 acres or more	farms	6	5	5	6	4	-	2	8
	acres harvested	11 677	8 980	13 743	8 656	9 722	-	(D)	15 006
1982 size of farm:									
1 to 9 acres	farms	9	16	24	13	22	19	31	11
	acres harvested	33	48	101	49	66	72	112	42
10 to 49 acres	farms	47	59	64	99	67	50	74	94
	acres harvested	710	1 038	1 201	1 610	1 262	1 122	1 386	1 644
50 to 69 acres	farms	13	16	16	23	11	11	27	26
	acres harvested	426	607	631	865	535	554	1 126	913
70 to 99 acres	farms	49	52	69	77	73	60	69	50
	acres harvested	2 676	3 407	4 794	4 274	5 031	4 390	4 557	2 509
100 to 139 acres	farms	34	34	61	75	68	46	58	71
	acres harvested	2 795	3 511	5 968	5 905	7 391	4 717	5 798	5 180
140 to 179 acres	farms	55	92	173	93	96	179	117	85
	acres harvested	6 446	12 262	23 844	10 295	13 462	25 550	15 667	8 857
180 to 219 acres	farms	37	70	77	60	80	78	76	77
	acres harvested	5 480	11 921	13 645	7 600	13 974	12 757	12 883	10 945
220 to 259 acres	farms	45	60	125	72	95	123	105	83
	acres harvested	7 498	11 721	26 074	10 670	19 617	25 895	20 779	13 649
260 to 499 acres	farms	168	322	250	286	334	358	321	318
	acres harvested	50 986	98 123	77 896	69 016	105 065	113 786	98 760	86 170
500 to 999 acres	farms	178	198	119	153	179	156	151	227
	acres harvested	87 164	113 638	70 557	69 562	103 415	91 883	82 319	115 238
1,000 to 1,999 acres	farms	46	34	27	31	32	22	35	46
	acres harvested	44 638	34 767	31 822	(D)	(D)	22 813	39 721	45 833
2,000 acres or more	farms	5	3	7	2	2	3	7	5
	acres harvested	12 657	7 884	23 745	(D)	(D)	6 146	12 639	7 928
HARVESTED CROPLAND BY ACRES HARVESTED									
1987 acres harvested:									
1 to 9 acres	farms	19	41	47	42	40	24	42	45
	acres	95	197	244	228	166	125	183	253
10 to 19 acres	farms	31	20	18	41	21	21	29	46
	acres	424	276	227	556	277	269	403	647
20 to 29 acres	farms	23	17	13	43	21	11	20	24
	acres	559	410	323	1 022	478	273	471	548
30 to 49 acres	farms	25	32	20	54	26	24	34	44
	acres	963	1 189	812	1 941	974	919	1 288	1 674
50 to 99 acres	farms	79	55	107	137	109	96	100	117
	acres	5 627	3 852	7 892	10 074	8 052	7 150	8 037	8 499
100 to 199 acres	farms	130	193	266	197	224	257	242	185
	acres	18 753	(D)	41 660	27 399	32 853	35 923	35 404	26 904
200 to 499 acres	farms	197	329	330	233	362	417	354	330
	acres	65 616	(D)	102 327	73 611	117 247	129 338	115 858	108 733
500 to 999 acres	farms	106	144	93	74	115	116	102	109
	acres	72 300	93 318	64 310	48 747	76 322	76 388	67 133	70 816
1,000 acres or more	farms	26	19	15	9	17	7	12	25
	acres	38 653	24 796	25 886	12 676	26 123	8 967	14 789	35 794
1982 acres harvested:									
1 to 9 acres	farms	21	39	50	51	40	31	46	45
	acres	111	198	273	256	164	148	188	260
10 to 19 acres	farms	30	19	15	36	26	11	38	46
	acres	377	268	182	501	339	153	491	575
20 to 29 acres	farms	21	16	10	44	12	13	19	36
	acres	462	356	241	1 037	289	310	476	925
30 to 49 acres	farms	20	25	27	52	30	22	36	48
	acres	736	955	1 034	1 919	1 129	834	1 404	1 773
50 to 99 acres	farms	71	73	107	159	89	83	100	115
	acres	5 182	5 398	7 955	11 485	6 766	6 118	7 272	8 016
100 to 199 acres	farms	155	205	304	249	254	307	261	239
	acres	22 383	31 060	45 047	35 588	37 781	45 886	36 266	34 931
200 to 499 acres	farms	257	401	378	304	438	491	432	399
	acres	84 705	128 670	113 488	92 971	137 852	150 622	134 622	127 311
500 to 999 acres	farms	107	159	93	77	143	130	107	135
	acres	72 076	104 800	61 940	49 732	91 617	85 991	68 439	88 229
1,000 acres or more	farms	24	19	28	13	27	15	32	28
	acres	35 678	27 222	50 318	18 944	36 824	19 625	44 567	36 868

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms ... number, 1987	771	856	706	687	947	1 160	1 240	685
1982	867	959	793	772	1 036	1 238	1 403	782
acres harvested, 1987	138 792	178 268	214 069	176 524	203 549	164 703	276 515	139 236
1982	170 664	217 734	244 570	201 685	236 744	193 184	324 626	159 843
HARVESTED CROPLAND BY SIZE OF FARM								
1987 size of farm:								
1 to 9 acres ... farms	10	8	9	5	6	13	24	9
acres harvested	27	20	29	23	14	53	92	26
10 to 49 acres ... farms	74	76	31	37	72	102	147	58
acres harvested	921	1 072	568	573	1 182	1 469	2 115	815
50 to 69 acres ... farms	45	13	7	8	24	42	33	26
acres harvested	1 376	532	363	361	818	1 159	1 098	868
70 to 99 acres ... farms	70	82	34	38	63	64	75	53
acres harvested	2 976	3 041	2 014	1 895	3 108	2 807	3 411	2 352
100 to 139 acres ... farms	63	52	28	30	80	96	78	80
acres harvested	4 005	3 812	2 569	2 772	5 846	5 750	5 646	4 495
140 to 179 acres ... farms	73	126	84	79	86	137	123	65
acres harvested	6 974	13 529	10 154	8 717	8 570	10 372	11 755	4 902
180 to 219 acres ... farms	43	68	39	43	83	116	74	42
acres harvested	4 853	8 307	5 761	6 024	9 147	12 050	9 827	4 460
220 to 259 acres ... farms	53	84	54	61	96	91	65	38
acres harvested	7 283	13 225	9 569	10 312	14 024	11 574	10 597	4 960
260 to 499 acres ... farms	205	220	242	215	258	314	345	168
acres harvested	44 394	50 025	71 362	53 614	55 966	54 573	84 970	35 447
500 to 999 acres ... farms	115	114	150	141	147	163	224	116
acres harvested	50 058	63 199	80 149	66 565	63 477	52 546	102 663	52 544
1,000 to 1,999 acres ... farms	20	31	25	29	26	20	51	27
acres harvested	15 925	(D)	24 516	(D)	20 953	(D)	(D)	24 299
2,000 acres or more ... farms	-	2	3	1	6	2	1	3
acres harvested	-	(D)	7 005	(D)	20 448	(D)	(D)	4 068
1982 size of farm:								
1 to 9 acres ... farms	14	17	11	8	7	18	27	14
acres harvested	52	54	32	27	24	63	112	59
10 to 49 acres ... farms	98	70	38	35	92	104	165	68
acres harvested	1 506	1 355	680	512	1 674	1 877	2 791	1 199
50 to 69 acres ... farms	43	18	7	7	29	42	39	29
acres harvested	1 515	815	409	279	1 196	1 257	1 322	824
70 to 99 acres ... farms	84	69	59	38	65	69	91	58
acres harvested	4 205	4 206	4 085	2 604	3 583	3 548	5 303	2 957
100 to 139 acres ... farms	58	75	37	44	90	112	95	82
acres harvested	4 667	6 363	3 850	4 236	7 318	7 226	7 439	5 419
140 to 179 acres ... farms	74	161	102	98	109	151	122	76
acres harvested	7 984	19 281	14 589	12 388	11 287	14 285	14 005	6 809
180 to 219 acres ... farms	62	72	43	46	79	123	96	58
acres harvested	9 211	11 014	7 611	7 013	10 672	14 988	13 203	7 331
220 to 259 acres ... farms	68	98	56	69	94	107	93	60
acres harvested	11 409	17 600	11 860	13 057	15 448	15 127	16 167	8 539
260 to 499 acres ... farms	247	252	274	280	284	344	404	190
acres harvested	64 653	69 381	88 486	81 893	71 280	68 487	113 263	45 552
500 to 999 acres ... farms	101	97	142	137	151	151	225	119
acres harvested	48 596	53 311	82 755	70 268	70 235	56 252	107 381	56 279
1,000 to 1,999 acres ... farms	18	27	21	10	32	16	41	26
acres harvested	16 846	27 136	23 828	9 408	29 005	(D)	35 640	(D)
2,000 acres or more ... farms	-	3	3	-	4	1	5	2
acres harvested	-	7 196	6 405	-	15 022	(D)	8 000	(D)
HARVESTED CROPLAND BY ACRES HARVESTED								
1987 acres harvested:								
1 to 9 acres ... farms	54	42	21	20	31	69	99	38
acres	269	210	95	102	142	364	512	161
10 to 19 acres ... farms	62	38	6	11	45	64	59	41
acres	861	501	78	158	630	891	813	583
20 to 29 acres ... farms	31	21	12	15	35	59	56	41
acres	763	497	284	353	794	1 357	1 342	955
30 to 49 acres ... farms	50	51	15	28	64	93	53	60
acres	1 845	2 027	559	1 093	2 501	3 635	2 016	2 274
50 to 99 acres ... farms	145	131	61	61	151	249	166	135
acres	10 409	9 484	4 541	4 468	11 252	18 173	12 095	9 497
100 to 199 acres ... farms	171	265	171	194	282	355	261	131
acres	24 930	38 070	24 684	27 768	40 348	50 672	38 092	18 682
200 to 499 acres ... farms	200	233	309	276	269	238	420	171
acres	59 815	69 816	99 608	85 410	82 045	69 342	132 234	54 882
500 to 999 acres ... farms	55	65	98	75	58	32	115	56
acres	35 526	44 139	64 672	49 369	37 897	(D)	76 685	37 292
1,000 acres or more ... farms	3	10	13	7	12	1	11	12
acres	4 354	13 544	19 548	7 803	27 940	(D)	12 726	14 910
1982 acres harvested:								
1 to 9 acres ... farms	63	35	29	26	38	58	84	40
acres	366	165	137	124	192	304	444	217
10 to 19 acres ... farms	43	23	10	12	40	52	68	42
acres	585	303	139	160	534	724	926	580
20 to 29 acres ... farms	45	23	5	8	34	42	50	31
acres	1 035	537	117	207	788	992	1 179	731
30 to 49 acres ... farms	49	40	12	15	56	101	70	64
acres	1 779	1 524	496	604	2 107	3 965	2 674	2 387
50 to 99 acres ... farms	128	150	78	67	159	255	179	131
acres	9 290	11 213	5 842	5 088	11 847	19 025	13 131	9 106
100 to 199 acres ... farms	206	302	177	206	290	399	302	182
acres	30 030	43 440	26 621	30 388	42 056	57 653	44 185	26 302
200 to 499 acres ... farms	270	295	355	351	327	290	514	216
acres	83 455	87 000	115 628	109 117	99 382	84 895	162 503	66 181
500 to 999 acres ... farms	56	77	109	83	77	40	123	66
acres	35 156	52 907	70 457	50 933	50 106	(D)	81 148	42 869
1,000 acres or more ... farms	7	14	18	4	15	1	13	10
acres	6 968	20 645	25 133	5 064	29 732	(D)	18 436	11 470

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms number, 1987	1 178	1 023	892	1 601	882	1 502	571	568
1982	1 329	1 176	1 085	1 760	939	1 614	630	656
acres harvested, 1987	196 971	194 982	198 455	459 047	149 934	242 679	130 805	77 713
1982	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
HARVESTED CROPLAND BY SIZE OF FARM								
1987 size of farm:								
1 to 9 acres farms	22	6	10	17	9	45	7	4
acres harvested	71	18	60	47	37	154	(D)	19
10 to 49 acres farms	149	103	66	52	110	264	55	52
acres harvested	2 162	1 396	1 261	1 049	1 568	4 373	997	809
50 to 69 acres farms	39	24	28	28	35	62	14	26
acres harvested	1 271	796	661	1 094	837	2 650	484	526
70 to 99 acres farms	133	69	42	58	73	167	39	45
acres harvested	6 803	3 594	1 853	3 502	2 857	8 445	1 851	1 317
100 to 139 acres farms	149	83	83	59	70	168	41	37
acres harvested	11 306	5 814	5 312	5 192	3 736	12 365	2 872	1 686
140 to 179 acres farms	105	113	51	217	106	161	39	52
acres harvested	10 094	11 529	4 912	26 451	8 518	16 887	3 901	3 040
180 to 219 acres farms	89	82	51	85	69	105	41	46
acres harvested	11 151	10 906	5 907	12 749	6 240	13 885	4 737	3 817
220 to 259 acres farms	77	91	75	148	50	81	56	48
acres harvested	12 497	12 646	9 561	26 367	6 735	13 140	9 160	4 033
260 to 499 acres farms	253	258	261	581	208	235	151	145
acres harvested	60 760	56 938	55 101	163 637	41 764	60 009	37 605	19 709
500 to 999 acres farms	131	166	173	287	115	159	100	82
acres harvested	56 453	69 349	72 711	145 898	47 844	76 506	45 349	22 945
1,000 to 1,999 acres farms	30	25	47	65	35	32	27	27
acres harvested	(D)	19 729	36 193	65 248	(D)	28 074	(D)	15 545
2,000 acres or more farms	1	3	5	4	2	3	1	4
acres harvested	(D)	2 265	4 703	7 813	(D)	6 191	(D)	4 267
1982 size of farm:								
1 to 9 acres farms	29	17	11	15	17	39	11	3
acres harvested	108	50	54	42	76	140	43	5
10 to 49 acres farms	169	116	88	67	111	308	65	71
acres harvested	2 719	1 874	1 918	1 482	1 737	5 469	1 278	1 073
50 to 69 acres farms	45	41	35	23	42	84	19	35
acres harvested	1 656	1 303	1 278	1 013	1 556	3 515	740	1 123
70 to 99 acres farms	128	61	74	71	78	184	48	52
acres harvested	6 615	3 407	4 151	4 865	3 282	10 743	2 787	2 132
100 to 139 acres farms	172	102	86	69	82	186	44	53
acres harvested	14 264	8 177	6 589	7 176	5 924	13 562	3 954	3 129
140 to 179 acres farms	130	128	69	263	111	179	44	50
acres harvested	15 127	14 009	9 013	37 052	10 727	21 946	5 253	3 212
180 to 219 acres farms	105	121	78	124	69	99	48	60
acres harvested	14 439	16 970	10 073	22 395	8 252	14 641	6 891	5 027
220 to 259 acres farms	98	101	104	198	59	88	54	51
acres harvested	17 457	16 949	17 216	41 186	8 635	16 166	9 477	4 493
260 to 499 acres farms	303	326	293	619	242	295	155	160
acres harvested	78 806	86 696	71 134	195 131	53 051	84 213	42 330	25 922
500 to 999 acres farms	124	138	172	247	96	145	121	93
acres harvested	60 556	65 065	76 163	141 996	44 678	80 048	60 487	31 044
1,000 to 1,999 acres farms	23	24	30	52	31	23	19	25
acres harvested	19 918	(D)	23 544	59 510	(D)	24 793	(D)	14 151
2,000 acres or more farms	3	1	5	12	1	4	2	3
acres harvested	6 237	(D)	8 776	25 691	(D)	10 951	(D)	3 306
HARVESTED CROPLAND BY ACRES HARVESTED								
1987 acres harvested:								
1 to 9 acres farms	92	52	34	32	67	149	24	38
acres	406	278	219	129	349	791	129	222
10 to 19 acres farms	71	56	36	16	70	107	26	54
acres	998	770	486	245	958	1 489	351	743
20 to 29 acres farms	58	36	42	22	71	110	16	39
acres	1 372	871	1 013	502	1 715	2 633	386	888
30 to 49 acres farms	75	47	55	32	78	142	48	62
acres	2 907	1 796	2 073	1 254	2 996	5 460	1 853	2 408
50 to 99 acres farms	252	183	127	137	156	282	70	132
acres	18 336	13 659	9 069	10 000	11 068	20 635	4 936	9 170
100 to 199 acres farms	284	289	218	435	187	330	140	124
acres	40 554	41 198	30 691	63 902	26 758	46 487	20 570	(D)
200 to 499 acres farms	283	263	297	719	189	275	184	94
acres	87 185	84 638	92 763	226 012	59 135	86 542	57 624	28 781
500 to 999 acres farms	52	71	73	172	57	95	56	24
acres	34 551	44 902	48 620	112 032	38 528	62 530	35 971	(D)
1,000 acres or more farms	11	6	10	36	7	12	7	1
acres	12 662	6 870	13 521	44 971	8 427	16 112	9 005	(D)
1982 acres harvested:								
1 to 9 acres farms	88	63	36	30	66	131	31	34
acres	405	322	214	111	361	626	158	177
10 to 19 acres farms	80	58	39	24	67	126	19	61
acres	1 080	807	553	303	875	1 692	258	845
20 to 29 acres farms	56	49	39	12	37	98	24	51
acres	1 300	1 144	921	296	862	2 298	571	1 186
30 to 49 acres farms	93	58	78	43	90	131	39	51
acres	3 560	2 317	2 995	1 545	3 490	4 947	1 528	1 940
50 to 99 acres farms	235	164	148	109	164	317	78	164
acres	17 282	12 272	10 672	8 334	12 017	23 329	5 609	11 821
100 to 199 acres farms	348	304	282	462	247	353	141	142
acres	48 690	43 106	40 358	69 855	34 684	51 041	20 485	19 840
200 to 499 acres farms	346	397	356	837	201	343	221	123
acres	103 383	118 342	108 743	258 976	62 685	109 332	69 518	38 171
500 to 999 acres farms	75	79	75	193	56	97	67	26
acres	50 225	50 650	48 167	130 973	38 384	64 974	43 145	15 861
1,000 acres or more farms	8	4	12	44	11	18	10	4
acres	11 777	4 187	17 286	67 046	14 142	27 958	13 573	4 776

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms number, 1987	**1 078**	**904**	**1 062**	**972**	**929**	**577**	**818**	**783**
1982	**1 230**	**993**	**1 122**	**1 069**	**1 060**	**623**	**913**	**859**
acres harvested, 1987	**249 352**	**137 088**	**211 100**	**154 503**	**217 817**	**169 179**	**192 403**	**242 081**
1982	**294 295**	**162 609**	**237 099**	**170 905**	**265 398**	**194 842**	**226 560**	**282 767**
HARVESTED CROPLAND BY SIZE OF FARM								
1987 size of farm:								
1 to 9 acres farms	10	10	16	22	18	7	11	4
acres harvested	39	35	67	70	51	16	39	26
10 to 49 acres farms	56	111	88	137	92	68	62	46
acres harvested	1 071	1 610	1 503	2 031	1 459	905	1 023	800
50 to 69 acres farms	15	51	45	47	30	20	19	21
acres harvested	620	1 340	1 547	1 414	929	775	647	814
70 to 99 acres farms	56	95	66	83	59	26	47	48
acres harvested	3 489	3 555	3 372	3 496	3 056	1 353	2 540	2 333
100 to 139 acres farms	34	87	93	69	64	41	54	51
acres harvested	2 972	4 867	6 993	5 047	4 827	2 956	4 033	3 561
140 to 179 acres farms	187	84	96	104	67	39	85	64
acres harvested	21 366	5 059	9 376	8 367	8 848	3 739	6 920	6 409
180 to 219 acres farms	65	40	80	63	50	26	55	37
acres harvested	9 747	3 906	10 585	6 059	6 002	3 310	7 360	4 709
220 to 259 acres farms	105	57	79	48	77	36	78	54
acres harvested	19 300	7 021	11 180	5 757	11 209	5 834	12 812	8 278
260 to 499 acres farms	375	192	299	223	219	131	248	188
acres harvested	97 951	34 231	72 160	46 753	51 261	33 088	64 519	44 784
500 to 999 acres farms	151	133	183	128	187	138	134	177
acres harvested	71 734	48 777	68 778	50 530	88 474	68 301	64 761	80 772
1,000 to 1,999 acres farms	24	39	25	27	44	38	23	79
acres harvested	21 063	22 076	(D)	(D)	(D)	35 013	(D)	67 351
2,000 acres or more farms	-	5	2	1	2	7	2	14
acres harvested	-	4 611	(D)	(D)	(D)	13 889	(D)	22 224
1982 size of farm:								
1 to 9 acres farms	17	13	10	25	28	14	18	11
acres harvested	66	48	27	103	91	46	64	51
10 to 49 acres farms	64	128	97	144	115	78	78	38
acres harvested	1 420	2 137	1 717	2 272	1 955	1 311	1 477	864
50 to 69 acres farms	17	47	37	40	42	13	10	22
acres harvested	732	1 299	1 422	1 319	1 685	447	391	1 165
70 to 99 acres farms	87	102	67	101	73	37	51	50
acres harvested	6 283	4 458	3 588	4 645	4 573	1 766	3 363	2 627
100 to 139 acres farms	40	86	91	106	54	37	69	58
acres harvested	3 720	5 605	7 555	6 937	4 974	3 073	6 079	4 861
140 to 179 acres farms	245	72	127	91	110	46	105	74
acres harvested	33 489	5 995	14 369	8 385	13 432	5 162	13 677	7 968
180 to 219 acres farms	76	59	80	63	77	25	60	47
acres harvested	12 633	6 843	11 863	7 191	12 051	3 842	9 492	6 091
220 to 259 acres farms	125	62	86	66	82	39	99	55
acres harvested	26 157	8 610	13 693	10 403	14 511	7 333	20 027	10 655
260 to 499 acres farms	419	243	356	282	263	154	293	229
acres harvested	125 234	48 138	92 781	62 997	82 538	43 860	87 786	62 863
500 to 999 acres farms	134	143	149	128	157	131	111	204
acres harvested	68 551	54 131	68 287	51 491	84 437	72 022	63 757	106 174
1,000 to 1,999 acres farms	13	33	19	21	35	46	17	61
acres harvested	(D)	21 910	15 637	15 042	36 060	48 764	(D)	63 586
2,000 acres or more farms	2	5	3	-	4	3	2	10
acres harvested	(D)	5 435	6 150	-	8 791	7 214	(D)	15 862
HARVESTED CROPLAND BY ACRES HARVESTED								
1987 acres harvested:								
1 to 9 acres farms	23	72	52	86	58	36	33	18
acres	117	418	260	445	280	173	163	108
10 to 19 acres farms	24	82	48	70	57	36	29	26
acres	319	1 158	663	968	811	489	402	361
20 to 29 acres farms	16	56	41	68	22	13	29	35
acres	377	1 317	966	1 549	512	298	690	837
30 to 49 acres farms	33	123	68	112	53	32	31	40
acres	1 282	4 566	2 609	4 406	2 038	1 242	1 197	1 579
50 to 99 acres farms	118	163	180	174	140	72	110	103
acres	6 845	11 471	13 084	12 391	10 345	5 277	7 994	7 575
100 to 199 acres farms	336	171	254	182	212	97	219	176
acres	48 921	24 022	36 869	25 000	30 221	14 501	32 669	25 827
200 to 499 acres farms	451	190	337	223	272	183	289	231
acres	135 413	60 711	103 917	68 209	87 079	59 647	90 841	73 762
500 to 999 acres farms	69	44	65	47	100	85	65	119
acres	44 206	29 970	43 016	31 205	68 622	55 079	42 156	82 822
1,000 acres or more farms	8	3	7	8	15	23	13	35
acres	9 872	3 455	9 716	10 330	17 909	32 473	16 291	49 210
1982 acres harvested:								
1 to 9 acres farms	33	54	36	84	67	40	38	21
acres	177	297	174	445	331	206	189	119
10 to 19 acres farms	18	92	53	59	60	41	28	16
acres	240	1 295	705	808	814	564	380	225
20 to 29 acres farms	13	46	31	60	19	18	21	17
acres	320	1 060	732	1 392	438	402	494	392
30 to 49 acres farms	32	105	62	117	48	31	36	51
acres	1 231	3 932	2 382	4 434	1 893	1 127	1 369	1 945
50 to 99 acres farms	132	186	161	196	126	55	90	97
acres	9 934	13 073	11 712	13 966	9 287	3 927	6 801	6 736
100 to 199 acres farms	384	227	306	220	259	111	228	183
acres	57 109	32 995	44 420	31 217	38 180	16 807	33 028	26 739
200 to 499 acres farms	537	226	393	286	352	205	377	300
acres	164 628	69 631	119 297	86 558	113 228	66 961	115 238	97 294
500 to 999 acres farms	83	52	72	45	106	93	82	135
acres	50 885	34 159	45 542	(D)	69 628	64 634	53 000	94 051
1,000 acres or more farms	7	5	8	2	23	29	13	39
acres	9 961	6 167	12 125	(D)	31 299	40 214	16 061	55 266

Table 6. **Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland	Monroe	Montgomery	Muscatine	O'Brian	Osceola	Page	Palo Alto	Plymouth
Farms number, 1987	634	627	801	1 104	676	908	867	1 545
1982	667	689	899	1 200	758	961	956	1 691
acres harvested, 1987	75 582	180 368	153 624	269 638	178 191	202 414	251 951	359 883
1982	87 094	181 743	176 723	311 705	213 158	221 793	300 211	409 614
HARVESTED CROPLAND BY SIZE OF FARM								
1987 size of farm:								
1 to 9 acres farms	5	7	19	18	10	7	10	26
acres harvested	24	34	79	52	57	19	38	89
10 to 49 acres farms	46	42	122	55	36	65	45	89
acres harvested	676	628	1 569	916	816	1 003	812	1 478
50 to 69 acres farms	29	17	27	7	11	18	15	22
acres harvested	560	542	1 089	410	480	687	700	934
70 to 99 acres farms	56	36	62	92	30	77	41	104
acres harvested	2 007	1 850	3 279	5 489	1 884	3 494	2 586	6 033
100 to 139 acres farms	62	40	65	52	19	55	37	83
acres harvested	2 265	2 685	4 476	4 735	1 936	3 401	3 052	6 393
140 to 179 acres farms	64	43	91	135	105	82	97	191
acres harvested	3 636	4 529	10 234	16 302	12 967	7 246	11 595	21 139
180 to 219 acres farms	30	49	52	56	46	55	38	83
acres harvested	2 499	5 579	6 802	8 241	6 814	5 657	5 315	11 618
220 to 259 acres farms	42	42	50	113	71	63	48	147
acres harvested	4 144	6 677	7 874	20 692	13 165	9 003	8 085	25 921
260 to 499 acres farms	163	169	165	377	217	241	281	498
acres harvested	20 537	40 024	40 102	103 817	62 357	54 070	77 093	128 001
500 to 999 acres farms	112	153	121	168	95	210	209	252
acres harvested	27 424	70 556	55 729	80 608	49 882	88 563	100 904	116 154
1,000 to 1,999 acres farms	20	28	26	30	25	34	46	47
acres harvested	9 024	(D)	(D)	(D)	(D)	(D)	41 769	37 507
2,000 acres or more farms	5	1	1	1	2	1	-	3
acres harvested	2 786	(D)	(D)	(D)	(D)	(D)	-	4 596
1982 size of farm:								
1 to 9 acres farms	3	14	25	13	13	18	7	12
acres harvested	16	61	74	34	44	44	32	50
10 to 49 acres farms	55	50	138	43	28	69	52	106
acres harvested	774	762	2 382	802	622	1 384	1 192	1 957
50 to 69 acres farms	35	17	32	12	4	24	8	33
acres harvested	1 041	707	1 142	552	220	819	372	1 384
70 to 99 acres farms	46	39	72	88	49	66	56	112
acres harvested	1 664	2 002	4 370	6 092	3 562	3 053	3 986	7 190
100 to 139 acres farms	72	39	67	51	31	66	54	97
acres harvested	3 722	3 071	6 176	5 130	3 148	5 147	5 622	9 124
140 to 179 acres farms	62	54	93	191	119	83	88	211
acres harvested	3 955	5 650	11 416	25 652	16 536	8 366	12 403	26 657
180 to 219 acres farms	43	49	53	72	50	62	58	116
acres harvested	3 275	6 748	7 778	12 195	8 009	7 730	10 009	18 947
220 to 259 acres farms	58	46	56	165	71	80	79	194
acres harvested	5 850	7 720	10 586	34 114	15 082	9 366	16 139	39 141
260 to 499 acres farms	154	205	234	410	288	296	342	568
acres harvested	22 948	55 129	62 926	130 502	93 110	73 163	112 288	170 139
500 to 999 acres farms	115	155	115	134	85	187	182	208
acres harvested	31 535	78 361	57 709	73 297	49 524	85 723	105 591	106 087
1,000 to 1,999 acres farms	21	19	13	21	18	29	29	31
acres harvested	9 219	(D)	(D)	23 335	(D)	(D)	(D)	25 635
2,000 acres or more farms	3	2	1	-	2	1	1	3
acres harvested	3 095	(D)	(D)	-	(D)	(D)	(D)	3 303
HARVESTED CROPLAND BY ACRES HARVESTED								
1987 acres harvested:								
1 to 9 acres farms	41	27	82	33	30	34	27	63
acres	243	164	451	153	101	186	148	302
10 to 19 acres farms	62	29	44	25	9	39	11	34
acres	810	375	618	327	120	534	151	457
20 to 29 acres farms	50	16	29	15	5	35	14	31
acres	1 199	378	674	364	116	830	342	731
30 to 49 acres farms	86	32	58	20	25	67	24	59
acres	3 274	1 239	2 259	808	968	2 613	678	2 277
50 to 99 acres farms	137	80	118	141	47	146	90	203
acres	9 690	5 711	8 192	10 216	3 465	10 624	6 715	14 428
100 to 199 acres farms	145	135	201	294	212	193	182	419
acres	19 991	19 163	29 189	42 662	30 674	28 641	25 815	61 799
200 to 499 acres farms	94	228	197	474	272	309	385	604
acres	(D)	74 495	81 748	145 098	84 422	99 561	122 474	185 907
500 to 999 acres farms	18	88	68	92	61	78	117	117
acres	(D)	44 699	44 032	58 033	39 403	48 645	75 933	74 358
1,000 acres or more farms	1	12	6	10	15	9	17	15
acres	(D)	14 164	6 461	11 777	18 922	10 780	19 495	19 604
1982 acres harvested:								
1 to 9 acres farms	25	35	84	30	24	36	15	55
acres	133	203	431	134	93	147	88	285
10 to 19 acres farms	60	27	45	12	5	35	18	37
acres	809	342	628	163	76	457	238	485
20 to 29 acres farms	47	12	35	6	4	33	11	20
acres	1 102	303	806	133	92	799	269	474
30 to 49 acres farms	81	29	54	29	15	60	26	58
acres	2 991	1 165	2 136	1 066	567	2 257	993	2 120
50 to 99 acres farms	155	82	121	120	68	131	80	192
acres	11 335	5 957	8 903	9 010	4 999	9 547	6 172	13 834
100 to 199 acres farms	163	149	211	318	202	228	196	428
acres	23 069	22 281	30 590	46 345	29 971	33 493	29 535	63 163
200 to 499 acres farms	116	258	275	576	361	346	449	758
acres	34 328	82 496	83 999	177 417	114 792	108 646	145 454	230 572
500 to 999 acres farms	19	87	71	97	68	80	144	128
acres	(D)	56 533	45 788	62 077	45 509	51 514	96 481	81 066
1,000 acres or more farms	1	10	3	12	13	12	17	15
acres	(D)	12 463	3 442	15 380	17 059	14 933	20 981	17 615

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms	number, 1987	929	841	1 429	904	592	946	862	1 035
	1982	1 046	960	1 617	1 029	702	1 044	971	1 185
	acres harvested, 1987	265 872	169 366	379 636	211 734	119 721	258 981	186 611	244 602
	1982	317 426	195 910	432 730	252 702	158 684	301 639	201 814	283 975
HARVESTED CROPLAND BY SIZE OF FARM									
1987 size of farm:									
1 to 9 acres	farms	7	32	21	13	2	12	18	10
	acres harvested	27	109	80	44	(D)	37	68	29
10 to 49 acres	farms	45	219	156	69	29	43	122	46
	acres harvested	773	3 282	2 240	1 108	(D)	704	1 786	863
50 to 69 acres	farms	13	35	38	16	8	17	33	13
	acres harvested	585	1 234	1 598	541	302	584	1 323	436
70 to 99 acres	farms	52	80	84	50	41	60	66	42
	acres harvested	3 150	4 006	4 175	2 643	1 724	3 574	3 545	2 402
100 to 139 acres	farms	51	48	89	66	32	41	75	70
	acres harvested	4 410	3 611	6 285	4 462	1 785	3 459	6 119	5 791
140 to 179 acres	farms	109	59	129	94	44	101	97	109
	acres harvested	13 446	6 244	13 713	9 286	2 631	11 977	11 376	11 639
180 to 219 acres	farms	42	45	79	45	36	65	69	99
	acres harvested	6 407	6 084	10 639	5 631	2 956	9 186	9 486	13 595
220 to 259 acres	farms	61	40	93	72	42	82	72	96
	acres harvested	11 062	6 279	15 389	10 716	3 988	14 093	12 565	16 047
260 to 499 acres	farms	303	142	350	251	164	285	187	334
	acres harvested	85 628	37 324	90 583	57 844	26 120	77 239	49 925	83 905
500 to 999 acres	farms	214	93	307	182	140	201	101	187
	acres harvested	108 604	48 845	149 839	60 204	42 596	100 718	50 593	88 096
1,000 to 1,999 acres	farms	31	40	74	45	45	36	22	29
	acres harvested	(D)	37 377	69 135	(D)	26 905	(D)	19 825	21 799
2,000 acres or more	farms	1	8	9	1	9	2	-	-
	acres harvested	(D)	14 893	16 200	(D)	10 090	(D)	-	-
1982 size of farm:									
1 to 9 acres	farms	15	32	26	22	5	8	22	13
	acres harvested	51	124	82	107	17	30	85	55
10 to 49 acres	farms	34	223	213	72	39	51	148	59
	acres harvested	663	3 291	3 347	1 386	790	887	2 501	903
50 to 69 acres	farms	15	56	40	24	14	23	35	20
	acres harvested	774	2 023	1 455	906	542	1 003	1 790	954
70 to 99 acres	farms	50	94	107	55	28	55	83	62
	acres harvested	3 448	5 774	6 427	2 930	1 259	3 847	5 196	4 140
100 to 139 acres	farms	52	69	103	68	37	58	79	81
	acres harvested	5 416	5 952	8 933	5 305	2 094	5 726	7 768	7 735
140 to 179 acres	farms	121	79	140	107	52	124	121	128
	acres harvested	16 676	9 990	16 886	12 072	3 430	16 533	16 595	16 622
180 to 219 acres	farms	70	52	90	64	50	72	80	111
	acres harvested	12 328	8 968	13 753	8 887	4 740	11 515	13 239	17 694
220 to 259 acres	farms	95	50	92	82	37	105	82	130
	acres harvested	19 990	9 956	17 040	14 525	4 799	21 195	16 371	25 207
260 to 499 acres	farms	388	170	461	309	212	357	207	414
	acres harvested	125 567	48 128	135 145	79 114	41 413	109 020	64 239	117 933
500 to 999 acres	farms	181	96	273	186	185	160	96	151
	acres harvested	106 768	56 167	148 356	89 351	63 858	90 475	53 075	77 160
1,000 to 1,999 acres	farms	24	34	64	39	35	26	17	15
	acres harvested	25 725	35 774	64 236	(D)	24 476	26 246	(D)	(D)
2,000 acres or more	farms	-	5	8	1	8	5	1	1
	acres harvested	-	9 763	17 070	(D)	11 246	13 162	(D)	(D)
HARVESTED CROPLAND BY ACRES HARVESTED									
1987 acres harvested:									
1 to 9 acres	farms	17	116	86	35	10	34	63	28
	acres	77	596	428	179	72	183	353	134
10 to 19 acres	farms	19	87	66	37	30	10	54	13
	acres	252	1 210	862	486	400	136	735	174
20 to 29 acres	farms	14	50	48	32	26	14	32	21
	acres	341	1 167	1 129	734	582	333	755	500
30 to 49 acres	farms	21	72	69	50	59	27	52	36
	acres	656	2 773	2 608	1 908	2 256	1 034	2 090	1 381
50 to 99 acres	farms	99	109	171	129	121	101	123	112
	acres	7 249	7 711	12 138	9 655	8 931	7 275	9 039	8 421
100 to 199 acres	farms	218	147	296	221	140	261	236	324
	acres	31 691	20 941	43 515	32 578	20 028	38 548	33 662	46 960
200 to 499 acres	farms	399	163	491	297	156	367	237	409
	acres	127 576	51 691	159 213	92 146	48 161	118 016	72 362	127 046
500 to 999 acres	farms	126	74	163	94	42	114	58	89
	acres	79 120	50 788	107 458	63 600	28 638	72 542	39 626	56 734
1,000 acres or more	farms	16	23	39	9	8	17	7	3
	acres	18 710	32 511	52 485	10 447	10 633	20 914	7 989	3 252
1982 acres harvested:									
1 to 9 acres	farms	25	116	96	37	20	27	70	33
	acres	116	621	461	189	109	149	353	183
10 to 19 acres	farms	11	111	102	43	21	16	53	25
	acres	135	1 482	1 333	568	278	221	713	338
20 to 29 acres	farms	3	45	45	24	20	11	30	17
	acres	67	1 081	1 093	563	475	267	673	399
30 to 49 acres	farms	22	58	71	48	58	19	58	20
	acres	833	2 265	2 695	1 897	2 177	739	2 247	803
50 to 99 acres	farms	80	132	174	113	99	104	122	124
	acres	5 880	9 311	12 688	8 194	6 905	7 663	8 690	9 462
100 to 199 acres	farms	244	180	326	273	160	263	267	349
	acres	36 286	26 443	47 581	40 232	22 526	38 632	39 358	52 336
200 to 499 acres	farms	493	212	565	369	267	465	293	527
	acres	157 816	64 269	179 446	114 095	80 620	144 376	90 445	159 712
500 to 999 acres	farms	149	84	198	104	48	119	65	82
	acres	95 439	59 224	130 209	66 255	32 128	77 847	42 916	51 014
1,000 acres or more	farms	18	22	40	17	9	20	13	8
	acres	20 854	31 194	57 224	20 709	13 246	31 745	16 419	9 728

Table 6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms	number, 1987	1 667	1 001	1 238	690	597	699	788	1 104
	1982	1 816	1 113	1 350	800	683	801	862	1 186
	acres harvested, 1987	352 858	242 426	274 684	141 043	101 216	106 140	116 921	156 858
	1982	406 510	289 259	309 403	165 144	121 953	132 063	131 029	181 270
HARVESTED CROPLAND BY SIZE OF FARM									
1987 size of farm:									
1 to 9 acres	farms	31	20	11	6	7	6	10	21
	acres harvested	97	61	35	29	24	28	30	74
10 to 49 acres	farms	131	133	97	30	66	47	126	196
	acres harvested	2 434	2 241	1 509	354	1 207	656	1 755	2 673
50 to 69 acres	farms	36	43	41	18	22	20	60	50
	acres harvested	1 662	1 676	1 501	723	551	634	1 371	1 575
70 to 99 acres	farms	143	85	76	50	47	54	77	128
	acres harvested	6 698	4 940	3 660	1 944	1 893	1 990	2 900	4 799
100 to 139 acres	farms	100	74	106	31	34	87	68	117
	acres harvested	9 250	6 041	7 115	1 271	1 659	4 360	4 250	5 896
140 to 179 acres	farms	231	65	125	63	53	76	56	111
	acres harvested	27 633	9 816	12 617	4 079	3 763	4 956	4 399	7 770
180 to 219 acres	farms	109	55	81	48	30	58	51	70
	acres harvested	17 401	7 654	10 196	4 842	2 766	4 354	4 622	6 371
220 to 259 acres	farms	169	42	97	52	50	43	51	39
	acres harvested	31 009	7 157	15 544	5 787	5 440	4 293	5 738	3 861
260 to 499 acres	farms	505	229	338	189	136	155	144	192
	acres harvested	135 941	60 708	82 511	32 085	24 958	25 696	27 472	35 695
500 to 999 acres	farms	179	188	225	160	118	120	107	133
	acres harvested	88 514	95 067	101 255	55 179	39 021	38 977	49 027	49 094
1,000 to 1,999 acres	farms	31	40	39	37	28	28	17	44
	acres harvested	(D)	37 246	(D)	25 978	14 822	18 228	(D)	33 831
2,000 acres or more	farms	2	5	2	6	4	5	1	3
	acres harvested	(D)	9 819	(D)	8 772	5 112	3 768	(D)	4 199
1982 size of farm:									
1 to 9 acres	farms	41	18	12	10	12	13	7	18
	acres harvested	139	91	48	44	42	49	36	73
10 to 49 acres	farms	115	161	107	41	78	61	130	233
	acres harvested	2 318	2 970	2 017	759	1 505	1 073	2 168	3 343
50 to 69 acres	farms	40	25	34	18	21	31	54	58
	acres harvested	2 105	1 008	1 250	588	607	1 030	1 350	1 604
70 to 99 acres	farms	129	88	100	59	48	66	90	145
	acres harvested	8 796	5 884	5 638	2 941	2 030	2 528	3 839	6 045
100 to 139 acres	farms	121	83	89	57	51	85	101	112
	acres harvested	12 619	8 018	7 240	3 305	3 867	5 107	5 420	6 569
140 to 179 acres	farms	307	108	155	61	73	55	70	91
	acres harvested	42 863	14 336	18 670	6 838	6 602	4 218	5 837	7 564
180 to 219 acres	farms	148	77	108	47	38	65	51	65
	acres harvested	25 640	12 388	15 637	5 522	4 494	5 303	4 315	6 010
220 to 259 acres	farms	198	68	131	88	47	60	51	70
	acres harvested	42 066	13 967	23 449	11 496	5 365	6 438	6 181	8 659
260 to 499 acres	farms	549	290	394	210	165	192	188	215
	acres harvested	169 109	92 632	108 714	44 291	28 524	36 633	44 072	45 005
500 to 999 acres	farms	147	163	189	160	122	140	100	137
	acres harvested	79 819	94 099	92 992	63 421	45 583	46 006	41 058	56 051
1,000 to 1,999 acres	farms	21	28	29	28	25	30	19	39
	acres harvested	21 034	31 923	(D)	21 219	18 369	20 228	(D)	32 262
2,000 acres or more	farms	-	4	2	3	3	3	1	5
	acres harvested	-	11 943	(D)	4 740	4 965	3 450	(D)	8 065
HARVESTED CROPLAND BY ACRES HARVESTED									
1987 acres harvested:									
1 to 9 acres	farms	74	63	51	26	33	44	72	114
	acres	315	286	256	157	199	258	404	567
10 to 19 acres	farms	37	56	62	34	45	49	102	114
	acres	482	732	871	477	612	676	1 379	1 645
20 to 29 acres	farms	34	34	38	29	43	35	80	101
	acres	818	815	908	689	1 038	834	1 848	2 384
30 to 49 acres	farms	69	67	79	70	79	90	80	146
	acres	2 559	2 557	3 062	2 700	2 939	3 431	3 007	5 367
50 to 99 acres	farms	242	150	186	119	91	166	129	204
	acres	17 971	10 926	13 439	8 396	6 829	11 606	8 943	14 513
100 to 199 acres	farms	527	195	288	160	121	139	133	171
	acres	78 672	27 822	42 269	22 779	17 431	19 556	18 431	24 217
200 to 499 acres	farms	574	302	421	196	155	134	136	189
	acres	174 311	96 939	131 771	60 796	48 830	41 848	43 613	57 662
500 to 999 acres	farms	97	117	95	43	26	39	53	55
	acres	62 006	78 628	59 793	28 738	17 653	26 654	34 698	36 903
1,000 acres or more	farms	13	17	18	13	4	3	3	10
	acres	15 724	23 719	22 515	16 311	5 685	3 275	4 600	12 490
1982 acres harvested:									
1 to 9 acres	farms	68	65	54	25	36	39	44	113
	acres	287	362	263	132	191	192	259	613
10 to 19 acres	farms	38	57	39	20	38	55	89	134
	acres	512	772	508	282	529	774	1 156	1 780
20 to 29 acres	farms	18	33	36	33	33	47	65	95
	acres	455	748	921	787	787	1 119	1 992	2 237
30 to 49 acres	farms	58	57	82	57	66	78	123	134
	acres	2 180	2 058	3 161	2 176	2 600	2 961	4 671	4 976
50 to 99 acres	farms	191	135	168	149	119	186	151	211
	acres	13 648	9 991	12 205	10 317	8 512	13 068	10 735	15 097
100 to 199 acres	farms	571	241	369	206	196	151	131	211
	acres	84 017	35 055	54 477	29 926	27 504	21 091	18 678	30 041
200 to 499 acres	farms	751	378	486	244	148	194	195	213
	acres	224 357	122 627	152 096	73 484	47 149	58 168	61 069	65 937
500 to 999 acres	farms	112	122	96	60	41	44	37	62
	acres	69 908	80 215	61 324	39 626	27 081	28 439	23 987	40 687
1,000 acres or more	farms	9	25	18	6	5	5	7	15
	acres	11 146	37 431	24 428	8 410	7 600	8 231	8 280	19 902

Table 6. **Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with harvested cropland		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms	**number, 1987**	**1 024**	**630**	**1 140**	**686**	**1 422**	**1 162**	**592**	**832**
	1982	**1 098**	**731**	**1 251**	**774**	**1 562**	**1 377**	**714**	**950**
	acres harvested, 1987	**206 315**	**114 904**	**312 048**	**177 414**	**219 642**	**278 373**	**157 665**	**260 638**
	1982	**247 227**	**152 831**	**363 632**	**211 136**	**262 028**	**359 752**	**199 142**	**319 992**
HARVESTED CROPLAND BY SIZE OF FARM									
1987 size of farm:									
1 to 9 acres	farms	19	6	12	12	12	28	9	5
	acres harvested	59	38	49	40	61	94	26	20
10 to 49 acres	farms	99	35	93	40	103	112	55	53
	acres harvested	1 704	581	1 697	672	1 622	1 727	1 007	1 076
50 to 69 acres	farms	32	19	21	14	39	30	11	15
	acres harvested	1 231	493	833	558	1 445	1 081	376	633
70 to 99 acres	farms	73	23	91	51	83	74	29	37
	acres harvested	3 934	779	4 681	3 127	3 952	3 435	1 518	2 366
100 to 139 acres	farms	85	32	73	47	157	55	32	43
	acres harvested	6 095	1 709	6 334	3 870	10 123	3 948	2 348	3 594
140 to 179 acres	farms	91	56	110	79	218	94	59	82
	acres harvested	9 352	4 107	13 293	8 664	21 159	9 191	6 272	9 739
180 to 219 acres	farms	67	45	66	39	158	78	27	39
	acres harvested	8 161	3 128	10 036	5 610	18 137	9 371	3 395	5 743
220 to 259 acres	farms	76	42	69	45	125	83	39	50
	acres harvested	11 661	4 142	12 072	7 095	17 620	12 459	6 201	9 427
260 to 499 acres	farms	286	167	323	199	389	314	165	253
	acres harvested	68 571	25 312	88 551	52 139	85 781	72 496	42 911	70 609
500 to 999 acres	farms	167	162	222	131	123	225	143	199
	acres harvested	71 540	47 712	113 651	65 770	47 011	99 339	70 641	99 748
1,000 to 1,999 acres	farms	27	38	55	26	14	61	23	52
	acres harvested	(D)	21 642	52 907	23 729	(D)	51 267	22 970	48 986
2,000 acres or more	farms	2	5	5	3	1	8	-	4
	acres harvested	(D)	5 261	7 744	6 140	(D)	13 965	-	8 695
1982 size of farm:									
1 to 9 acres	farms	23	3	30	17	16	31	15	20
	acres harvested	97	13	115	61	68	110	56	77
10 to 49 acres	farms	117	43	106	55	109	140	67	46
	acres harvested	2 107	906	1 885	953	1 934	2 311	1 328	850
50 to 69 acres	farms	32	13	27	14	54	47	19	7
	acres harvested	1 378	496	1 106	600	1 957	1 970	909	353
70 to 99 acres	farms	88	42	75	51	81	95	43	44
	acres harvested	4 930	1 754	5 093	3 286	4 322	5 618	2 784	3 042
100 to 139 acres	farms	85	45	69	46	170	82	46	42
	acres harvested	7 223	2 659	7 075	4 255	13 019	6 836	4 603	4 100
140 to 179 acres	farms	106	66	120	106	217	143	81	98
	acres harvested	12 408	5 571	16 416	14 163	23 204	16 223	10 892	13 934
180 to 219 acres	farms	71	39	84	39	171	85	51	49
	acres harvested	10 514	3 138	14 523	6 419	22 422	12 807	8 804	8 640
220 to 259 acres	farms	81	64	106	78	167	94	55	77
	acres harvested	14 736	8 066	21 340	15 780	26 801	16 317	11 206	16 527
260 to 499 acres	farms	306	220	372	237	424	371	185	335
	acres harvested	84 595	44 134	116 426	73 676	97 373	104 864	57 494	108 804
500 to 999 acres	farms	159	163	216	106	137	222	131	189
	acres harvested	78 411	57 246	124 685	61 591	58 986	116 837	75 196	110 780
1,000 to 1,999 acres	farms	27	28	44	23	13	55	19	37
	acres harvested	24 468	22 478	(D)	(D)	(D)	51 540	(D)	39 782
2,000 acres or more	farms	3	5	2	2	1	12	2	6
	acres harvested	6 358	6 370	(D)	(D)	(D)	24 319	(D)	13 103
HARVESTED CROPLAND BY ACRES HARVESTED									
1987 acres harvested:									
1 to 9 acres	farms	47	16	45	30	59	75	27	21
	acres	225	106	254	161	288	352	118	125
10 to 19 acres	farms	42	48	40	16	69	53	24	12
	acres	593	628	543	193	940	731	315	153
20 to 29 acres	farms	45	40	30	13	52	50	15	14
	acres	1 061	918	747	327	1 224	1 155	367	351
30 to 49 acres	farms	62	57	46	31	106	70	28	31
	acres	2 403	2 199	1 769	1 248	4 192	2 653	1 015	1 184
50 to 99 acres	farms	172	108	133	94	284	126	69	84
	acres	12 559	7 967	9 557	6 851	21 224	9 038	4 735	6 229
100 to 199 acres	farms	272	148	270	163	461	288	117	170
	acres	39 518	21 005	38 709	22 669	64 400	41 673	16 740	25 162
200 to 499 acres	farms	311	174	415	251	351	371	222	363
	acres	99 833	53 641	136 301	80 029	99 865	117 288	71 071	119 498
500 to 999 acres	farms	66	33	133	75	35	106	80	114
	acres	41 953	20 538	87 711	48 505	21 258	73 374	50 995	78 428
1,000 acres or more	farms	7	6	28	13	5	23	10	23
	acres	8 150	7 902	35 457	17 431	6 251	32 109	12 309	29 508
1982 acres harvested:									
1 to 9 acres	farms	64	13	67	36	54	87	31	30
	acres	329	71	352	180	297	452	142	142
10 to 19 acres	farms	49	28	37	18	58	65	21	20
	acres	727	394	512	222	822	859	294	267
20 to 29 acres	farms	28	31	31	14	49	38	15	10
	acres	686	743	733	335	1 180	901	336	261
30 to 49 acres	farms	66	57	35	22	91	67	28	19
	acres	2 497	2 082	1 317	825	3 546	2 530	1 061	745
50 to 99 acres	farms	145	125	113	89	257	169	73	58
	acres	10 547	8 883	8 306	6 322	19 090	12 019	5 255	4 411
100 to 199 acres	farms	266	180	251	180	598	315	172	183
	acres	38 447	25 904	36 486	26 456	85 123	46 505	25 060	27 199
200 to 499 acres	farms	382	244	523	319	401	450	266	444
	acres	118 982	73 211	165 778	99 895	115 855	142 623	85 021	143 587
500 to 999 acres	farms	84	46	156	78	50	153	92	156
	acres	56 055	31 689	102 321	52 800	31 176	103 589	60 590	102 045
1,000 acres or more	farms	14	7	36	18	4	33	16	30
	acres	18 957	9 854	47 827	24 101	4 939	50 274	21 383	41 335

Table 7. **Irrigation: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms	number, 1987	851	4	-	-	1	2	4
	1982	616	2	1	2	1	-	2
Land in irrigated farms	acres, 1987	385 109	1 438	-	-	(D)	(D)	319
	1982	304 670	(D)	(D)	(D)	(D)	-	(D)
Harvested cropland	farms, 1987	845	4	-	-	1	2	4
	1982	616	2	1	2	1	-	2
	acres, 1987	278 236	895	-	-	(D)	(D)	284
	1982	253 538	(D)	(D)	(D)	(D)	-	(D)
Other cropland, excluding cropland pastured	farms, 1987	568	2	-	-	-	2	1
	1982	243	1	-	1	-	-	1
	acres, 1987	62 907	(D)	-	-	-	(D)	(D)
	1982	9 515	(D)	-	(D)	-	-	(D)
Pastureland, excluding woodland pastured	farms, 1987	232	2	-	-	-	-	-
	1982	215	1	1	1	-	-	-
	acres, 1987	19 016	(D)	-	-	-	-	-
	1982	22 869	(D)	(D)	(D)	-	-	-
Irrigated land	acres, 1987	92 247	204	-	-	(D)	(D)	(D)
	1982	91 427	(D)	(D)	(D)	(D)	-	(D)
Harvested cropland	farms, 1987	825	3	-	-	1	2	4
	1982	608	1	1	2	1	-	2
	acres, 1987	91 598	(D)	-	-	(D)	(D)	(D)
	1982	91 175	(D)	(D)	(D)	(D)	-	(D)
Pastureland and other land	farms, 1987	37	1	-	-	-	-	-
	1982	18	1	-	-	-	-	-
	acres, 1987	649	(D)	-	-	-	-	-
	1982	252	(D)	-	-	-	-	-
1987 irrigated acres by size of farm: 1 to 9 acres	farms	107	-	-	-	1	-	1
	acres irrigated	165	-	-	-	(D)	-	(D)
10 to 49 acres	farms	123	-	-	-	-	-	2
	acres irrigated	810	-	-	-	-	-	(D)
50 to 69 acres	farms	24	-	-	-	-	-	-
	acres irrigated	564	-	-	-	-	-	-
70 to 99 acres	farms	40	-	-	-	-	-	-
	acres irrigated	1 029	-	-	-	-	-	-
100 to 139 acres	farms	33	-	-	-	-	-	-
	acres irrigated	871	-	-	-	-	-	-
140 to 179 acres	farms	34	-	-	-	-	-	-
	acres irrigated	2 002	-	-	-	-	-	-
180 to 219 acres	farms	18	2	-	-	-	-	-
	acres irrigated	(D)	(D)	-	-	-	-	-
220 to 259 acres	farms	47	-	-	-	-	-	1
	acres irrigated	(D)	-	-	-	-	-	(D)
260 to 499 acres	farms	126	1	-	-	-	2	-
	acres irrigated	14 018	(D)	-	-	-	(D)	-
500 to 999 acres	farms	187	1	-	-	-	-	-
	acres irrigated	31 991	(D)	-	-	-	-	-
1,000 to 1,999 acres	farms	94	-	-	-	-	-	-
	acres irrigated	27 273	-	-	-	-	-	-
2,000 acres or more	farms	18	-	-	-	-	-	-
	acres irrigated	9 202	-	-	-	-	-	-
1982 irrigated acres by size of farm: 1 to 9 acres	farms	59	-	-	-	1	-	1
	acres irrigated	103	-	-	-	(D)	-	(D)
10 to 49 acres	farms	56	-	-	1	-	-	-
	acres irrigated	349	-	-	(D)	-	-	-
50 to 69 acres	farms	16	-	-	-	-	-	-
	acres irrigated	298	-	-	-	-	-	-
70 to 99 acres	farms	25	-	-	-	-	-	-
	acres irrigated	740	-	-	-	-	-	-
100 to 139 acres	farms	23	1	-	-	-	-	-
	acres irrigated	1 034	(D)	-	-	-	-	-
140 to 179 acres	farms	35	-	-	-	-	-	-
	acres irrigated	2 265	-	-	-	-	-	-
180 to 219 acres	farms	19	-	-	-	-	-	-
	acres irrigated	1 511	-	-	-	-	-	-
220 to 259 acres	farms	30	-	-	-	-	-	-
	acres irrigated	3 201	-	-	-	-	-	-
260 to 499 acres	farms	120	1	-	-	-	-	1
	acres irrigated	19 071	(D)	-	-	-	-	(D)
500 to 999 acres	farms	160	-	1	-	-	-	-
	acres irrigated	33 787	-	(D)	-	-	-	-
1,000 to 1,999 acres	farms	56	-	-	1	-	-	-
	acres irrigated	16 583	-	-	(D)	-	-	-
2,000 acres or more	farms	17	-	-	-	-	-	-
	acres irrigated	12 485	-	-	-	-	-	-

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms	number, 1987	14	5	5	5	6	3	5
	1982	6	4	5	1	2	2	3
Land in irrigated farms	acres, 1987	1 944	460	3 183	1 700	862	920	3 374
	1982	2 572	11	2 897	(D)	(D)	(D)	2 696
Harvested cropland	farms, 1987	13	5	5	4	6	3	5
	1982	6	4	5	1	2	2	3
	acres, 1987	1 112	321	2 457	1 464	558	593	2 192
	1982	2 158	8	2 274	(D)	(D)	(D)	1 751
Other cropland, excluding cropland pastured	farms, 1987	7	3	2	2	5	2	2
	1982	-	-	2	-	2	2	1
	acres, 1987	353	94	(D)	(D)	225	(D)	(D)
	1982	-	-	(D)	-	(D)	(D)	(D)
Pastureland, excluding woodland pastured	farms, 1987	3	-	3	1	4	1	1
	1982	1	-	1	-	-	-	3
	acres, 1987	416	-	139	(D)	59	(D)	(D)
	1982	(D)	-	(D)	-	-	-	(D)
Irrigated land	acres, 1987	160	6	203	218	(D)	(D)	537
	1982	(D)	5	282	(D)	(D)	(D)	(D)
Harvested cropland	farms, 1987	13	5	5	4	6	2	5
	1982	6	4	5	1	2	2	3
	acres, 1987	(D)	6	203	(D)	(D)	(D)	537
	1982	(D)	5	282	(D)	(D)	(D)	(D)
Pastureland and other land	farms, 1987	1	-	-	1	-	2	-
	1982	-	-	-	-	-	-	-
	acres, 1987	(D)	-	-	(D)	-	(D)	-
	1982	-	-	-	-	-	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres	farms	6	3	-	-	-	-	-
	acres irrigated	12	(D)	-	-	-	-	-
10 to 49 acres	farms	3	1	-	2	3	1	1
	acres irrigated	7	(D)	-	(D)	9	(D)	(D)
50 to 69 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
70 to 99 acres	farms	2	-	-	-	-	-	1
	acres irrigated	(D)	-	-	-	-	-	(D)
100 to 139 acres	farms	-	-	-	-	-	1	-
	acres irrigated	-	-	-	-	-	(D)	-
140 to 179 acres	farms	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	(D)	-	-
180 to 219 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
220 to 259 acres	farms	1	-	2	-	-	-	-
	acres irrigated	(D)	-	(D)	-	-	-	-
260 to 499 acres	farms	-	1	1	2	2	-	1
	acres irrigated	-	(D)	(D)	(D)	(D)	-	(D)
500 to 999 acres	farms	2	-	1	1	-	1	1
	acres irrigated	(D)	-	(D)	(D)	-	(D)	(D)
1,000 to 1,999 acres	farms	-	-	1	-	-	-	-
	acres irrigated	-	-	(D)	-	-	-	-
2,000 acres or more	farms	-	-	-	-	-	-	1
	acres irrigated	-	-	-	-	-	-	(D)
1982 irrigated acres by size of farm:								
1 to 9 acres	farms	1	4	1	-	-	-	-
	acres irrigated	(D)	5	(D)	-	-	-	-
10 to 49 acres	farms	4	-	-	-	-	-	-
	acres irrigated	18	-	-	-	-	-	-
50 to 69 acres	farms	-	-	-	1	-	-	-
	acres irrigated	-	-	-	(D)	-	-	-
70 to 99 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
100 to 139 acres	farms	-	-	1	-	-	-	-
	acres irrigated	-	-	(D)	-	-	-	-
140 to 179 acres	farms	-	-	1	-	-	-	1
	acres irrigated	-	-	(D)	-	-	-	(D)
180 to 219 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
220 to 259 acres	farms	-	-	1	-	-	1	1
	acres irrigated	-	-	(D)	-	-	(D)	(D)
260 to 499 acres	farms	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	(D)	-	-
500 to 999 acres	farms	-	-	-	-	1	1	-
	acres irrigated	-	-	-	-	(D)	(D)	-
1,000 to 1,999 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
2,000 acres or more	farms	1	-	1	-	-	-	1
	acres irrigated	(D)	-	(D)	-	-	-	(D)

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms ....number, 1987..	3	1	3	8	4	11	2
1982..	2	2	2	9	1	7	1
Land in irrigated farms ....acres, 1987..	1 282	(D)	411	1 878	631	6 754	(D)
1982..	(D)	(D)	(D)	2 964	(D)	5 792	(D)
Harvested cropland .... farms, 1987..	3	1	3	8	4	11	2
1982..	2	2	2	9	1	7	1
acres, 1987..	766	(D)	385	1 523	419	4 570	(D)
1982..	(D)	(D)	(D)	2 516	(D)	5 159	(D)
Other cropland, excluding cropland pastured .... farms, 1987..	3	1	1	2	3	9	-
1982..	-	1	-	4	1	4	1
acres, 1987..	430	(D)	(D)	(D)	71	778	-
1982..	-	(D)	-	151	(D)	94	(D)
Pastureland, excluding woodland pastured .... farms, 1987..	-	1	-	2	2	8	1
1982..	-	1	2	2	-	6	1
acres, 1987..	-	(D)	-	(D)	(D)	704	(D)
1982..	-	(D)	(D)	(D)	-	146	(D)
Irrigated land ....acres, 1987..	(D)	(D)	(D)	352	68	1 146	(D)
1982..	(D)	(D)	(D)	895	(D)	1 510	(D)
Harvested cropland .... farms, 1987..	3	1	3	8	4	11	2
1982..	2	1	2	9	1	7	1
acres, 1987..	(D)	(D)	(D)	352	68	1 146	(D)
1982..	(D)	(D)	(D)	895	(D)	1 510	(D)
Pastureland and other land .... farms, 1987..	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-
acres, 1987..	-	-	-	-	-	-	-
1982..	-	(D)	-	-	-	-	-
1987 irrigated acres by size of farm:							
1 to 9 acres .... farms..	-	-	1	2	1	-	1
acres irrigated..	-	-	(D)	(D)	(D)	-	(D)
10 to 49 acres .... farms..	-	-	1	1	-	1	1
acres irrigated..	-	-	(D)	(D)	-	(D)	(D)
50 to 69 acres .... farms..	-	-	-	-	-	-	-
acres irrigated..	-	-	-	-	-	-	-
70 to 99 acres .... farms..	1	-	-	1	1	1	-
acres irrigated..	(D)	-	-	(D)	(D)	(D)	-
100 to 139 acres .... farms..	-	-	-	1	-	-	-
acres irrigated..	-	-	-	(D)	-	-	-
140 to 179 acres .... farms..	-	-	-	-	1	2	-
acres irrigated..	-	-	-	-	(D)	(D)	-
180 to 219 acres .... farms..	-	-	-	-	-	-	-
acres irrigated..	-	-	-	-	-	-	-
220 to 259 acres .... farms..	-	-	-	-	-	-	-
acres irrigated..	-	-	-	-	-	-	-
260 to 499 acres .... farms..	1	1	1	1	1	2	-
acres irrigated..	(D)	(D)	(D)	(D)	(D)	(D)	-
500 to 999 acres .... farms..	1	-	-	2	-	3	-
acres irrigated..	(D)	-	-	(D)	-	575	-
1,000 to 1,999 acres .... farms..	-	-	-	-	-	1	-
acres irrigated..	-	-	-	-	-	(D)	-
2,000 acres or more .... farms..	-	-	-	-	-	1	-
acres irrigated..	-	-	-	-	-	(D)	-
1982 irrigated acres by size of farm:							
1 to 9 acres .... farms..	-	-	-	2	-	-	-
acres irrigated..	-	-	-	(D)	-	-	-
10 to 49 acres .... farms..	1	-	-	1	-	-	-
acres irrigated..	(D)	-	-	(D)	-	-	-
50 to 69 acres .... farms..	-	-	-	-	-	-	-
acres irrigated..	-	-	-	-	-	-	-
70 to 99 acres .... farms..	-	1	-	-	-	-	-
acres irrigated..	-	(D)	-	-	-	-	-
100 to 139 acres .... farms..	-	-	1	1	-	-	-
acres irrigated..	-	-	(D)	(D)	-	-	-
140 to 179 acres .... farms..	-	-	1	-	-	-	-
acres irrigated..	-	-	(D)	-	-	-	-
180 to 219 acres .... farms..	-	-	-	-	-	-	-
acres irrigated..	-	-	-	-	-	-	-
220 to 259 acres .... farms..	1	-	-	-	-	-	1
acres irrigated..	(D)	-	-	-	-	-	(D)
260 to 499 acres .... farms..	-	-	-	2	1	4	-
acres irrigated..	-	-	-	(D)	(D)	610	-
500 to 999 acres .... farms..	-	1	-	3	-	-	-
acres irrigated..	-	(D)	-	748	-	-	-
1,000 to 1,999 acres .... farms..	-	-	-	-	-	3	-
acres irrigated..	-	-	-	-	-	900	-
2,000 acres or more .... farms..	-	-	-	-	-	-	-
acres irrigated..	-	-	-	-	-	-	-

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms	number, 1987	4	1	9	2	11	2	2
	1982	6	2	3	1	4	-	1
Land in irrigated farms	acres, 1987	2 912	(D)	1 386	(D)	2 385	(D)	(D)
	1982	4 696	(D)	42	(D)	148	-	(D)
Harvested cropland	farms, 1987	4	1	9	2	11	2	2
	1982	6	-	3	1	4	-	1
	acres, 1987	2 268	(D)	940	(D)	1 755	(D)	(D)
	1982	2 979	(D)	16	(D)	125	-	(D)
Other cropland, excluding cropland pastured	farms, 1987	4	1	4	2	6	1	1
	1982	2	-	1	-	1	-	-
	acres, 1987	424	(D)	101	(D)	333	(D)	(D)
	1982	(D)	-	(D)	-	(D)	-	-
Pastureland, excluding woodland pastured	farms, 1987	2	1	6	2	7	1	1
	1982	3	2	-	-	1	-	-
	acres, 1987	(D)	(D)	234	(D)	151	(D)	(D)
	1982	1 134	(D)	-	-	(D)	-	-
Irrigated land	acres, 1987	276	(D)	86	(D)	133	(D)	(D)
	1982	543	(D)	6	(D)	55	-	(D)
Harvested cropland	farms, 1987	4	1	9	-	11	2	1
	1982	6	2	3	1	3	-	1
	acres, 1987	276	(D)	86	-	133	(D)	(D)
	1982	543	(D)	6	(D)	(D)	-	(D)
Pastureland and other land	farms, 1987	-	-	-	2	-	1	1
	1982	-	-	-	-	1	-	-
	acres, 1987	-	-	-	(D)	-	(D)	(D)
	1982	-	-	-	-	(D)	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres	farms	-	-	1	-	1	1	-
	acres irrigated	-	-	(D)	-	(D)	(D)	-
10 to 49 acres	farms	1	-	3	-	6	-	-
	acres irrigated	(D)	-	19	-	37	-	-
50 to 69 acres	farms	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	(D)	-	-
70 to 99 acres	farms	1	1	-	-	-	-	-
	acres irrigated	(D)	(D)	-	-	-	-	-
100 to 139 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
140 to 179 acres	farms	-	-	1	-	1	-	-
	acres irrigated	-	-	(D)	-	(D)	-	-
180 to 219 acres	farms	-	-	1	-	-	-	-
	acres irrigated	-	-	(D)	-	-	-	-
220 to 259 acres	farms	-	-	2	-	-	1	1
	acres irrigated	-	-	(D)	-	-	(D)	(D)
260 to 499 acres	farms	-	-	1	-	-	-	-
	acres irrigated	-	-	(D)	-	-	-	-
500 to 999 acres	farms	1	-	-	2	1	-	-
	acres irrigated	(D)	-	-	(D)	(D)	-	-
1,000 to 1,999 acres	farms	1	-	-	-	1	-	1
	acres irrigated	(D)	-	-	-	(D)	-	(D)
2,000 acres or more	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:								
1 to 9 acres	farms	-	-	2	1	-	-	-
	acres irrigated	-	-	(D)	(D)	-	-	-
10 to 49 acres	farms	-	-	1	-	3	-	-
	acres irrigated	-	-	(D)	-	(D)	-	-
50 to 69 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
70 to 99 acres	farms	-	2	-	-	1	-	-
	acres irrigated	-	(D)	-	-	(D)	-	-
100 to 139 acres	farms	1	-	-	-	-	-	-
	acres irrigated	(D)	-	-	-	-	-	-
140 to 179 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
180 to 219 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
220 to 259 acres	farms	2	-	-	-	-	-	-
	acres irrigated	(D)	-	-	-	-	-	-
260 to 499 acres	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-
500 to 999 acres	farms	-	-	-	-	-	-	1
	acres irrigated	-	-	-	-	-	-	(D)
1,000 to 1,999 acres	farms	3	-	-	-	-	-	-
	acres irrigated	378	-	-	-	-	-	-
2,000 acres or more	farms	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms	number, 1987	2	7	4	5	6	7	9	9
	1982	-	4	4	2	4	3	6	2
Land in irrigated farms	acres, 1987	(D)	1 653	1 506	284	1 769	2 944	5 857	3 590
	1982	-	734	1 542	(D)	2 555	490	3 335	(D)
Harvested cropland	farms, 1987	2	7	4	5	6	7	9	8
	1982	-	4	4	2	4	3	6	2
	acres, 1987	(D)	1 265	927	137	1 183	1 601	4 410	2 700
	1982	-	572	1 344	(D)	1 666	411	2 575	(D)
Other cropland, excluding cropland pastured	farms, 1987	1	3	3	1	4	4	6	6
	1982	-	3	1	1	1	2	3	1
	acres, 1987	(D)	105	402	(D)	356	211	573	407
	1982	-	41	(D)	(D)	(D)	(D)	129	(D)
Pastureland, excluding woodland pastured	farms, 1987	-	1	1	1	2	2	4	2
	1982	-	1	3	1	3	3	2	-
	acres, 1987	-	(D)	(D)	(D)	(D)	(D)	385	(D)
	1982	-	(D)	(D)	(D)	(D)	49	(D)	-
Irrigated land	acres, 1987	(D)	(D)	(D)	18	311	425	911	281
	1982	-	311	(D)	(D)	(D)	42	866	(D)
Harvested cropland	farms, 1987	2	7	4	5	6	7	7	8
	1982	-	4	4	2	4	3	6	2
	acres, 1987	(D)	(D)	(D)	18	311	425	(D)	(D)
	1982	-	311	(D)	(D)	(D)	42	866	(D)
Pastureland and other land	farms, 1987	-	-	-	-	-	-	2	1
	1982	-	-	-	1	-	-	-	-
	acres, 1987	-	-	-	-	-	-	(D)	(D)
	1982	-	-	-	(D)	-	-	-	-
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	-	2	1	1	1	-	1	1
	acres irrigated	-	(D)	(D)	(D)	(D)	-	(D)	(D)
10 to 49 acres	farms	1	3	-	3	-	1	-	-
	acres irrigated	(D)	11	-	(D)	-	(D)	-	-
50 to 69 acres	farms	-	-	-	-	1	2	1	1
	acres irrigated	-	-	-	-	(D)	(D)	(D)	(D)
70 to 99 acres	farms	-	-	-	-	-	-	1	1
	acres irrigated	-	-	-	-	-	-	(D)	(D)
100 to 139 acres	farms	1	-	1	-	-	-	-	-
	acres irrigated	(D)	-	(D)	-	-	-	-	-
140 to 179 acres	farms	-	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
180 to 219 acres	farms	-	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
220 to 259 acres	farms	-	-	1	1	1	-	-	2
	acres irrigated	-	-	(D)	(D)	(D)	-	-	(D)
260 to 499 acres	farms	-	1	-	-	2	1	2	2
	acres irrigated	-	(D)	-	-	(D)	(D)	(D)	(D)
500 to 999 acres	farms	-	-	-	-	1	-	3	1
	acres irrigated	-	-	-	-	(D)	-	499	(D)
1,000 to 1,999 acres	farms	-	1	1	-	-	-	-	1
	acres irrigated	-	(D)	(D)	-	-	-	-	(D)
2,000 acres or more	farms	-	-	-	-	-	1	1	-
	acres irrigated	-	-	-	-	-	(D)	(D)	-
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
10 to 49 acres	farms	-	1	2	1	-	-	-	-
	acres irrigated	-	(D)	(D)	(D)	-	-	-	-
50 to 69 acres	farms	-	-	-	-	-	-	1	-
	acres irrigated	-	-	-	-	-	-	(D)	-
70 to 99 acres	farms	-	1	-	-	-	-	-	-
	acres irrigated	-	(D)	-	-	-	-	-	-
100 to 139 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
140 to 179 acres	farms	-	-	-	1	-	3	-	-
	acres irrigated	-	-	-	(D)	-	42	-	-
180 to 219 acres	farms	-	1	-	-	-	-	-	-
	acres irrigated	-	(D)	-	-	-	-	-	-
220 to 259 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
260 to 499 acres	farms	-	1	-	-	-	-	1	2
	acres irrigated	-	(D)	-	-	-	-	(D)	(D)
500 to 999 acres	farms	-	-	2	-	4	-	4	-
	acres irrigated	-	-	(D)	-	(D)	-	(D)	-
1,000 to 1,999 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
2,000 acres or more	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms	number, 1987	11	9	-	4	3	8	9	78
	1982	8	4	1	2	-	6	2	69
Land in irrigated farms	acres, 1987	14 045	3 614	-	1 537	321	4 581	971	57 442
	1982	9 722	1 619	(D)	(D)	-	2 970	(D)	48 642
Harvested cropland	farms, 1987	11	9	-	4	3	8	9	78
	1982	8	4	1	2	-	6	2	69
	acres, 1987	10 957	2 669	-	860	226	3 351	526	44 144
	1982	8 099	1 396	(D)	(D)	-	2 694	(D)	43 582
Other cropland, excluding cropland pastured	farms, 1987	10	8	-	2	1	7	1	65
	1982	6	2	-	1	-	2	-	28
	acres, 1987	2 009	742	-	(D)	(D)	996	(D)	8 231
	1982	533	(D)	-	(D)	-	(D)	-	922
Pastureland, excluding woodland pastured	farms, 1987	3	4	-	1	1	2	3	15
	1982	4	3	-	2	-	-	-	21
	acres, 1987	855	146	-	(D)	(D)	(D)	64	1 553
	1982	427	152	-	(D)	-	-	-	2 152
Irrigated land	acres, 1987	1 265	599	-	(D)	(D)	556	(D)	15 933
	1982	1 416	501	(D)	(D)	-	772	(D)	15 837
Harvested cropland	farms, 1987	11	8	-	4	2	8	9	78
	1982	8	4	1	2	-	6	2	69
	acres, 1987	1 265	(D)	-	(D)	(D)	586	(D)	15 933
	1982	(D)	501	(D)	(D)	-	772	(D)	(D)
Pastureland and other land	farms, 1987	-	2	-	-	1	-	-	-
	1982	1	-	-	-	-	-	-	1
	acres, 1987	-	(D)	-	-	(D)	-	-	-
	1982	(D)	-	-	-	-	-	-	(D)
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	-	1	-	2	1	1	4	-
	acres irrigated	-	(D)	-	(D)	(D)	(D)	6	-
10 to 49 acres	farms	2	1	-	-	-	-	3	3
	acres irrigated	(D)	(D)	-	-	-	-	6	43
50 to 69 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acres	farms	-	-	-	-	1	-	1	2
	acres irrigated	-	-	-	-	(D)	-	(D)	(D)
100 to 139 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
140 to 179 acres	farms	-	1	-	-	-	-	-	2
	acres irrigated	-	(D)	-	-	-	-	-	(D)
180 to 219 acres	farms	-	-	-	-	-	-	-	1
	acres irrigated	-	-	-	-	-	-	-	(D)
220 to 259 acres	farms	1	-	-	-	1	1	-	6
	acres irrigated	(D)	-	-	-	(D)	(D)	-	684
260 to 499 acres	farms	1	2	-	1	-	2	-	16
	acres irrigated	(D)	(D)	-	(D)	-	(D)	-	3 249
500 to 999 acres	farms	1	4	-	-	-	2	1	33
	acres irrigated	(D)	320	-	-	-	(D)	(D)	5 465
1,000 to 1,999 acres	farms	5	-	-	1	-	2	-	12
	acres irrigated	923	-	-	(D)	-	(D)	-	5 284
2,000 acres or more	farms	1	-	-	-	-	-	-	3
	acres irrigated	(D)	-	-	-	-	-	-	905
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	-	1	1	-	-	1	1	-
	acres irrigated	-	(D)	(D)	-	-	(D)	(D)	-
10 to 49 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
50 to 69 acres	farms	-	-	-	-	-	-	-	1
	acres irrigated	-	-	-	-	-	-	-	(D)
70 to 99 acres	farms	-	-	-	1	-	-	-	1
	acres irrigated	-	-	-	(D)	-	-	-	(D)
100 to 139 acres	farms	-	-	-	-	-	-	-	2
	acres irrigated	-	-	-	-	-	-	-	(D)
140 to 179 acres	farms	-	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
180 to 219 acres	farms	-	-	-	-	-	1	-	2
	acres irrigated	-	-	-	-	-	(D)	-	(D)
220 to 259 acres	farms	-	-	-	-	-	-	-	1
	acres irrigated	-	-	-	-	-	-	-	(D)
260 to 499 acres	farms	1	2	-	1	-	1	-	17
	acres irrigated	(D)	(D)	-	(D)	-	(D)	-	2 646
500 to 999 acres	farms	5	1	-	-	-	-	1	30
	acres irrigated	963	(D)	-	-	-	-	(D)	6 885
1,000 to 1,999 acres	farms	1	-	-	-	-	2	-	14
	acres irrigated	(D)	-	-	-	-	(D)	-	4 830
2,000 acres or more	farms	1	-	-	-	-	-	-	1
	acres irrigated	(D)	-	-	-	-	-	-	(D)

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms	number, 1987	2	3	3	-	2	6	10	5
	1982	5	2	2	1	-	2	7	2
Land in irrigated farms	acres, 1987	(D)	435	2 117	-	(D)	2 677	1 654	2 316
	1982	600	(D)	(D)	(D)	-	(D)	1 630	(D)
Harvested cropland	farms, 1987	2	3	3	-	2	6	10	5
	1982	5	2	2	1	-	2	7	2
	acres, 1987	(D)	356	1 657	-	(D)	1 290	1 766	1 222
	1982	353	(D)	(D)	(D)	-	(D)	1 227	(D)
Other cropland, excluding cropland pastured	farms, 1987	-	2	3	-	1	-	4	2
	1982	2	2	1	-	-	-	3	1
	acres, 1987	-	(D)	387	-	(D)	-	53	(D)
	1982	(D)	(D)	(D)	-	-	-	207	(D)
Pastureland, excluding woodland pastured	farms, 1987	-	-	-	-	1	4	-	1
	1982	3	1	1	1	-	1	2	-
	acres, 1987	-	-	-	-	(D)	862	-	(D)
	1982	149	(D)	(D)	(D)	-	(D)	(D)	-
Irrigated land	acres, 1987	(D)	(D)	261	-	(D)	30	(D)	127
	1982	45	(D)	(D)	(D)	-	(D)	331	(D)
Harvested cropland	farms, 1987	2	2	3	-	2	6	9	4
	1982	5	2	2	1	-	2	6	2
	acres, 1987	(D)	(D)	261	-	(D)	30	(D)	(D)
	1982	45	(D)	(D)	(D)	-	(D)	(D)	(D)
Pastureland and other land	farms, 1987	-	1	-	-	-	-	1	1
	1982	-	-	-	-	-	-	1	-
	acres, 1987	-	(D)	-	-	-	-	(D)	(D)
	1982	-	-	-	-	-	-	(D)	-
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	-	1	-	-	-	-	1	-
	acres irrigated	-	(D)	-	-	-	-	(D)	-
10 to 49 acres	farms	-	-	-	-	1	2	3	2
	acres irrigated	-	-	-	-	(D)	(D)	15	(D)
50 to 69 acres	farms	-	-	-	-	-	-	1	-
	acres irrigated	-	-	-	-	-	-	(D)	-
70 to 99 acres	farms	-	-	-	-	-	-	3	-
	acres irrigated	-	-	-	-	-	-	72	-
100 to 139 acres	farms	-	-	-	-	1	1	1	-
	acres irrigated	-	-	-	-	(D)	(D)	(D)	-
140 to 179 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
180 to 219 acres	farms	-	1	-	-	-	-	-	-
	acres irrigated	-	(D)	-	-	-	-	-	-
220 to 259 acres	farms	-	1	1	-	-	-	-	-
	acres irrigated	-	(D)	(D)	-	-	-	-	-
260 to 499 acres	farms	2	-	1	-	-	-	-	2
	acres irrigated	(D)	-	(D)	-	-	-	-	(D)
500 to 999 acres	farms	-	-	-	-	-	2	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
1,000 to 1,999 acres	farms	-	-	1	-	-	1	1	1
	acres irrigated	-	-	(D)	-	-	(D)	(D)	(D)
2,000 acres or more	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	2	-	-	-	-	1	-	-
	acres irrigated	(D)	-	-	-	-	(D)	-	-
10 to 49 acres	farms	-	-	1	-	-	1	1	2
	acres irrigated	-	-	(D)	-	-	(D)	(D)	(D)
50 to 69 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acres	farms	1	-	-	-	-	-	1	-
	acres irrigated	(D)	-	-	-	-	-	(D)	-
100 to 139 acres	farms	-	-	-	-	-	-	2	-
	acres irrigated	-	-	-	-	-	-	(D)	-
140 to 179 acres	farms	-	1	-	1	-	-	-	-
	acres irrigated	-	(D)	-	(D)	-	-	-	-
180 to 219 acres	farms	1	-	-	-	-	-	1	-
	acres irrigated	(D)	-	-	-	-	-	(D)	-
220 to 259 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
260 to 499 acres	farms	1	-	1	-	-	-	-	-
	acres irrigated	(D)	-	(D)	-	-	-	-	-
500 to 999 acres	farms	-	1	-	-	-	-	2	-
	acres irrigated	-	(D)	-	-	-	-	(D)	-
1,000 to 1,999 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
2,000 acres or more	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms	number, 1987	17	1	-	7	14	18	17	1
	1982	3	1	1	5	4	12	14	-
Land in irrigated farms	acres, 1987	1 259	(D)	-	2 754	5 359	1 473	6 483	(D)
	1982	758	(D)	(D)	2 906	193	484	6 244	-
Harvested cropland	farms, 1987	17	1	-	7	14	18	17	1
	1982	3	1	1	5	4	12	14	-
	acres, 1987	606	(D)	-	2 091	3 151	1 057	6 428	(D)
	1982	577	(D)	(D)	2 714	135	258	5 226	-
Other cropland, excluding cropland pastured	farms, 1987	8	-	-	6	8	6	10	1
	1982	1	1	-	3	-	3	6	-
	acres, 1987	109	-	-	547	407	196	1 316	(D)
	1982	(D)	(D)	-	61	-	54	395	-
Pastureland, excluding woodland pastured	farms, 1987	4	1	-	1	8	2	5	1
	1982	-	-	1	2	1	4	7	-
	acres, 1987	91	(D)	-	(D)	1 351	(D)	192	(D)
	1982	-	-	(D)	(D)	(D)	76	114	-
Irrigated land	acres, 1987	152	(D)	-	450	506	231	3 447	(D)
	1982	5	(D)	(D)	590	(D)	189	3 277	-
Harvested cropland	farms, 1987	17	1	-	7	14	16	17	1
	1982	3	1	1	5	4	12	14	-
	acres, 1987	152	(D)	-	450	(D)	(D)	(D)	(D)
	1982	5	(D)	(D)	590	(D)	(D)	(D)	-
Pastureland and other land	farms, 1987	-	-	-	-	1	2	1	-
	1982	-	-	-	-	-	1	1	-
	acres, 1987	-	-	-	-	(D)	(D)	(D)	-
	1982	-	-	-	-	-	(D)	(D)	-
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	4	-	-	-	1	5	-	-
	acres irrigated	6	-	-	-	(D)	6	-	-
10 to 49 acres	farms	4	-	-	-	3	9	3	-
	acres irrigated	34	-	-	-	33	68	23	-
50 to 69 acres	farms	2	-	-	-	-	-	-	-
	acres irrigated	(D)	-	-	-	-	-	-	-
70 to 99 acres	farms	2	1	-	-	1	1	3	-
	acres irrigated	(D)	(D)	-	-	(D)	(D)	106	-
100 to 139 acres	farms	4	-	-	1	-	1	-	-
	acres irrigated	11	-	-	(D)	-	(D)	-	-
140 to 179 acres	farms	-	-	-	-	2	-	1	1
	acres irrigated	-	-	-	-	(D)	-	(D)	(D)
180 to 219 acres	farms	-	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
220 to 259 acres	farms	-	-	-	1	-	-	1	-
	acres irrigated	-	-	-	(D)	-	-	(D)	-
260 to 499 acres	farms	1	-	-	3	2	-	3	-
	acres irrigated	(D)	-	-	184	(D)	-	178	-
500 to 999 acres	farms	-	-	-	2	4	1	2	-
	acres irrigated	-	-	-	(D)	185	(D)	(D)	-
1,000 to 1,999 acres	farms	-	-	-	-	1	-	4	-
	acres irrigated	-	-	-	-	(D)	-	1 890	-
2,000 acres or more	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	1	-	-	-	2	4	-	-
	acres irrigated	(D)	-	-	-	(D)	5	-	-
10 to 49 acres	farms	-	-	-	-	1	3	1	-
	acres irrigated	-	-	-	-	(D)	30	(D)	-
50 to 69 acres	farms	1	-	-	-	-	2	2	-
	acres irrigated	(D)	-	-	-	-	(D)	(D)	-
70 to 99 acres	farms	-	-	-	-	-	2	2	-
	acres irrigated	-	-	-	-	-	(D)	(D)	-
100 to 139 acres	farms	-	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
140 to 179 acres	farms	-	-	-	-	1	-	2	-
	acres irrigated	-	-	-	-	(D)	-	(D)	-
180 to 219 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
220 to 259 acres	farms	-	1	-	1	-	-	1	-
	acres irrigated	-	(D)	-	(D)	-	-	(D)	-
260 to 499 acres	farms	-	-	1	3	-	-	2	-
	acres irrigated	-	-	(D)	(D)	-	-	(D)	-
500 to 999 acres	farms	1	-	-	-	-	-	3	-
	acres irrigated	(D)	-	-	-	-	-	992	-
1,000 to 1,999 acres	farms	-	-	-	1	-	-	-	-
	acres irrigated	-	-	-	(D)	-	-	-	-
2,000 acres or more	farms	-	-	-	-	-	-	1	-
	acres irrigated	-	-	-	-	-	-	(D)	-

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms	number, 1987	16	6	3	10	8	4	7	90
	1982	14	-	2	5	8	6	3	73
Land in irrigated farms	acres, 1987	6 526	370	1 064	697	1 011	2 127	2 818	77 429
	1982	3 331	-	(D)	259	1 489	5 813	2 240	57 068
Harvested cropland	farms, 1987	16	6	3	10	8	4	7	90
	1982	14	-	2	5	8	6	3	73
	acres, 1987	4 203	159	81	405	264	1 669	1 810	60 698
	1982	2 549	-	(D)	161	1 320	5 140	1 864	52 401
Other cropland, excluding cropland pastured	farms, 1987	14	6	2	5	1	3	7	86
	1982	3	-	1	-	3	3	3	34
	acres, 1987	1 121	62	(D)	74	(D)	322	397	12 820
	1982	47	-	(D)	-	108	205	129	1 362
Pastureland, excluding woodland pastured	farms, 1987	10	2	-	3	2	1	-	17
	1982	10	-	1	3	-	2	1	17
	acres, 1987	931	(D)	-	137	(D)	(D)	-	1 386
	1982	394	-	(D)	23	-	(D)	(D)	1 712
Irrigated land	acres, 1987	1 339	14	(D)	74	12	771	828	25 152
	1982	1 118	-	(D)	64	10	1 845	(D)	22 010
Harvested cropland	farms, 1987	16	5	3	10	7	4	7	90
	1982	14	-	2	5	8	6	3	73
	acres, 1987	1 339	(D)	(D)	74	(D)	771	828	25 152
	1982	1 118	-	(D)	64	10	1 845	(D)	22 010
Pastureland and other land	farms, 1987	-	1	-	-	1	-	-	-
	1982	-	-	-	-	-	-	-	-
	acres, 1987	-	(D)	-	-	(D)	-	-	-
	1982	-	-	-	-	-	-	-	-
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	-	-	-	3	4	1	-	-
	acres irrigated	-	-	-	3	4	(D)	-	-
10 to 49 acres	farms	-	4	1	2	3	-	-	-
	acres irrigated	-	(D)	(D)	(D)	(D)	-	-	-
50 to 69 acres	farms	-	-	-	1	-	-	2	-
	acres irrigated	-	-	-	(D)	-	-	(D)	-
70 to 99 acres	farms	1	1	1	1	-	-	-	1
	acres irrigated	(D)	(D)	(D)	(D)	-	-	-	(D)
100 to 139 acres	farms	-	1	-	-	-	-	-	1
	acres irrigated	-	(D)	-	-	-	-	-	(D)
140 to 179 acres	farms	-	-	-	2	-	-	-	4
	acres irrigated	-	-	-	(D)	-	-	-	311
180 to 219 acres	farms	2	-	-	1	-	-	-	2
	acres irrigated	(D)	-	-	(D)	-	-	-	(D)
220 to 259 acres	farms	1	-	-	-	-	-	-	3
	acres irrigated	(D)	-	-	-	-	-	-	287
260 to 499 acres	farms	7	-	-	-	-	-	3	14
	acres irrigated	747	-	-	-	-	-	144	2 454
500 to 999 acres	farms	5	-	1	-	1	3	2	35
	acres irrigated	518	-	(D)	-	(D)	(D)	(D)	8 971
1,000 to 1,999 acres	farms	-	-	-	-	-	-	-	24
	acres irrigated	-	-	-	-	-	-	-	7 360
2,000 acres or more	farms	-	-	-	-	-	-	-	6
	acres irrigated	-	-	-	-	-	-	-	5 608
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	-	-	-	2	4	-	-	-
	acres irrigated	-	-	-	(D)	4	-	-	-
10 to 49 acres	farms	2	-	1	1	1	-	-	1
	acres irrigated	(D)	-	(D)	(D)	(D)	-	-	(D)
50 to 69 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acres	farms	1	-	-	-	-	-	-	1
	acres irrigated	(D)	-	-	-	-	-	-	(D)
100 to 139 acres	farms	-	-	-	2	2	-	-	1
	acres irrigated	-	-	-	(D)	(D)	-	-	(D)
140 to 179 acres	farms	-	-	-	-	-	-	-	2
	acres irrigated	-	-	-	-	-	-	-	(D)
180 to 219 acres	farms	3	-	-	-	-	-	-	-
	acres irrigated	231	-	-	-	-	-	-	-
220 to 259 acres	farms	4	-	-	-	-	-	-	3
	acres irrigated	500	-	-	-	-	-	-	550
260 to 499 acres	farms	3	-	1	-	-	-	-	17
	acres irrigated	165	-	(D)	-	-	-	-	3 587
500 to 999 acres	farms	1	-	-	-	-	4	3	32
	acres irrigated	(D)	-	-	-	-	(D)	(D)	8 825
1,000 to 1,999 acres	farms	-	-	-	-	1	2	-	13
	acres irrigated	-	-	-	-	(D)	(D)	-	4 961
2,000 acres or more	farms	-	-	-	-	-	-	-	3
	acres irrigated	-	-	-	-	-	-	-	3 578

ble 7. **Irrigation: 1987 and 1982**—Con.

meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
ns	number, 1987	2	2	36	4	11	7	30	14
	1982	-	1	27	4	13	3	22	17
d in irrigated farms	acres, 1987	(D)	(D)	9 497	1 537	5 233	4 397	20 562	6 692
	1982	-	(D)	6 207	1 103	5 724	3 181	14 951	11 169
arvested cropland	farms, 1987	2	2	36	4	11	7	30	13
	1982	-	1	27	4	13	3	22	17
	acres, 1987	(D)	(D)	6 922	1 114	4 296	3 560	14 119	4 064
	1982	-	(D)	5 571	641	4 810	2 450	13 206	7 245
ther cropland, excluding cropland pastured	farms, 1987	2	1	23	3	9	3	26	13
	1982	-	-	9	-	6	2	17	4
	acres, 1987	(D)	(D)	2 110	267	558	266	4 065	1 309
	1982	-	-	167	-	257	(D)	700	168
astureland, excluding woodland pastured	farms, 1987	2	-	5	1	-	5	11	9
	1982	-	-	6	1	5	1	6	10
	acres, 1987	(D)	-	97	(D)	-	453	632	2 711
	1982	-	-	75	(D)	411	(D)	154	2 842
gated land	acres, 1987	(D)	(D)	3 177	8	1 139	1 928	4 713	1 799
	1982	-	(D)	2 784	(D)	1 743	(D)	3 734	2 987
larvested cropland	farms, 1987	2	2	35	4	11	7	29	13
	1982	-	1	26	4	13	2	22	17
	acres, 1987	(D)	(D)	(D)	8	(D)	1 928	(D)	(D)
	1982	-	(D)	(D)	(D)	1 743	(D)	3 734	2 987
Pastureland and other land	farms, 1987	-	-	2	-	1	-	1	1
	1982	-	-	2	-	-	1	-	-
	acres, 1987	-	-	(D)	-	(D)	-	(D)	(D)
	1982	-	-	(D)	-	-	(D)	-	-
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	-	2	4	1	2	-	1	1
	acres irrigated	-	(D)	5	(D)	(D)	-	(D)	(D)
10 to 49 acres	farms	-	-	8	1	-	-	1	-
	acres irrigated	-	-	93	(D)	-	-	(D)	-
50 to 69 acres	farms	-	-	3	-	-	1	1	-
	acres irrigated	-	-	157	-	-	(D)	(D)	-
70 to 99 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
100 to 139 acres	farms	-	-	4	-	-	-	-	1
	acres irrigated	-	-	163	-	-	-	-	(D)
140 to 179 acres	farms	-	-	4	-	1	-	1	2
	acres irrigated	-	-	461	-	(D)	-	(D)	(D)
180 to 219 acres	farms	-	-	2	-	-	-	-	-
	acres irrigated	-	-	(D)	-	-	-	-	-
220 to 259 acres	farms	1	-	2	-	3	1	-	2
	acres irrigated	(D)	-	(D)	-	210	(D)	-	(D)
260 to 499 acres	farms	-	-	2	1	-	2	2	1
	acres irrigated	-	-	(D)	(D)	-	(D)	(D)	(D)
500 to 999 acres	farms	1	-	4	-	3	1	20	4
	acres irrigated	(D)	-	851	-	399	(D)	3 067	766
1,000 to 1,999 acres	farms	-	-	3	1	2	2	4	2
	acres irrigated	-	-	656	(D)	(D)	(D)	1 449	(D)
2,000 acres or more	farms	-	-	-	-	-	-	-	1
	acres irrigated	-	-	-	-	-	-	-	(D)
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	-	1	1	-	1	-	-	-
	acres irrigated	-	(D)	(D)	-	(D)	-	-	-
10 to 49 acres	farms	-	-	4	2	-	-	-	-
	acres irrigated	-	-	44	(D)	-	-	-	-
50 to 69 acres	farms	-	-	4	-	-	-	-	-
	acres irrigated	-	-	106	-	-	-	-	-
70 to 99 acres	farms	-	-	-	-	-	-	1	-
	acres irrigated	-	-	-	-	-	-	(D)	-
100 to 139 acres	farms	-	-	2	-	-	-	-	-
	acres irrigated	-	-	(D)	-	-	-	-	-
140 to 179 acres	farms	-	-	6	1	1	-	-	3
	acres irrigated	-	-	569	(D)	(D)	-	-	241
180 to 219 acres	farms	-	-	1	-	-	-	-	-
	acres irrigated	-	-	(D)	-	-	-	-	-
220 to 259 acres	farms	-	-	-	-	-	-	1	-
	acres irrigated	-	-	-	-	-	-	(D)	-
260 to 499 acres	farms	-	-	5	-	6	1	7	3
	acres irrigated	-	-	955	-	810	(D)	(D)	430
500 to 999 acres	farms	-	-	4	1	4	1	8	8
	acres irrigated	-	-	807	(D)	575	(D)	2 128	1 136
1,000 to 1,999 acres	farms	-	-	-	-	1	-	5	2
	acres irrigated	-	-	-	-	(D)	-	806	(D)
2,000 acres or more	farms	-	-	-	-	-	1	-	1
	acres irrigated	-	-	-	-	-	(D)	-	(D)

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms ... number, 1987	4	12	18	3	2	8	17	3
1982	1	6	13	1	-	5	15	-
Land in irrigated farms ... acres, 1987	1 983	1 046	8 435	382	(D)	2 651	1 283	728
1982	(D)	137	9 289	(D)	-	2 107	1 226	-
Harvested cropland ... farms, 1987	4	12	18	3	2	8	17	3
1982	1	6	13	1	-	5	15	-
acres, 1987	1 682	754	6 815	252	(D)	1 978	833	425
1982	(D)	69	7 610	(D)	-	2 053	980	-
Other cropland, excluding cropland pastured ... farms, 1987	2	3	6	2	-	4	4	2
1982	1	2	5	-	-	1	5	-
acres, 1987	(D)	69	1 311	(D)	-	422	150	(D)
1982	(D)	(D)	530	-	-	(D)	21	-
Pastureland, excluding woodland pastured ... farms, 1987	-	3	1	-	2	3	4	1
1982	1	-	2	-	-	2	3	-
acres, 1987	-	56	(D)	-	(D)	124	25	(D)
1982	(D)	-	(D)	-	-	(D)	135	-
Irrigated land ... acres, 1987	(D)	(D)	1 984	(D)	(D)	707	202	(D)
1982	(D)	7	1 302	(D)	-	791	158	-
Harvested cropland ... farms, 1987	4	12	18	3	2	8	17	3
1982	1	5	13	1	-	5	15	-
acres, 1987	(D)	(D)	1 984	(D)	(D)	707	202	(D)
1982	(D)	(D)	1 302	(D)	-	791	(D)	-
Pastureland and other land ... farms, 1987	-	-	-	-	-	-	-	-
1982	-	1	-	-	-	-	2	-
acres, 1987	-	-	-	-	-	-	-	-
1982	-	(D)	-	-	-	-	(D)	-
1987 irrigated acres by size of farm:								
1 to 9 acres ... farms	-	7	5	1	-	1	5	1
acres irrigated	-	8	12	(D)	-	(D)	5	(D)
10 to 49 acres ... farms	-	1	6	1	-	2	7	-
acres irrigated	-	(D)	32	(D)	-	(D)	48	-
50 to 69 acres ... farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acres ... farms	-	1	1	-	1	-	1	-
acres irrigated	-	(D)	(D)	-	(D)	-	(D)	-
100 to 139 acres ... farms	-	-	-	-	1	-	2	-
acres irrigated	-	-	-	-	(D)	-	(D)	-
140 to 179 acres ... farms	-	-	-	-	-	-	-	1
acres irrigated	-	-	-	-	-	-	-	(D)
180 to 219 acres ... farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
220 to 259 acres ... farms	1	1	-	-	-	1	-	-
acres irrigated	(D)	(D)	-	-	-	(D)	-	-
260 to 499 acres ... farms	1	2	-	1	-	2	-	-
acres irrigated	(D)	(D)	-	(D)	-	(D)	-	-
500 to 999 acres ... farms	2	-	3	-	-	1	1	1
acres irrigated	(D)	-	375	-	-	(D)	(D)	(D)
1,000 to 1,999 acres ... farms	-	-	2	-	-	1	-	-
acres irrigated	-	-	(D)	-	-	(D)	-	-
2,000 acres or more ... farms	-	-	1	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
1982 irrigated acres by size of farm:								
1 to 9 acres ... farms	-	4	4	1	-	-	5	-
acres irrigated	-	(D)	5	(D)	-	-	13	-
10 to 49 acres ... farms	-	1	1	-	-	-	4	-
acres irrigated	-	(D)	(D)	-	-	-	32	-
50 to 69 acres ... farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
70 to 99 acres ... farms	-	1	-	-	-	-	1	-
acres irrigated	-	(D)	-	-	-	-	(D)	-
100 to 139 acres ... farms	-	-	-	-	-	-	2	-
acres irrigated	-	-	-	-	-	-	(D)	-
140 to 179 acres ... farms	-	-	-	-	-	1	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
180 to 219 acres ... farms	-	-	-	-	-	1	1	-
acres irrigated	-	-	-	-	-	(D)	(D)	-
220 to 259 acres ... farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
260 to 499 acres ... farms	-	-	1	-	-	2	-	-
acres irrigated	-	-	(D)	-	-	(D)	-	-
500 to 999 acres ... farms	1	-	4	-	-	1	1	-
acres irrigated	(D)	-	440	-	-	(D)	(D)	-
1,000 to 1,999 acres ... farms	-	-	2	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-
2,000 acres or more ... farms	-	-	1	-	-	-	-	-
acres irrigated	-	-	(D)	-	-	-	-	-

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms	number, 1987	59	15	5	-	2	3	2	7
	1982	57	6	2	2	2	-	1	4
Land in irrigated farms	acres, 1987	31 242	3 242	1 428	-	(D)	136	(D)	567
	1982	22 046	3 651	(D)	(D)	(D)	-	(D)	365
Harvested cropland	farms, 1987	58	15	5	-	2	2	2	7
	1982	57	6	2	2	2	-	1	4
	acres, 1987	21 288	2 394	897	-	(D)	(D)	(D)	149
	1982	18 555	2 888	(D)	(D)	(D)	-	(D)	334
Other cropland, excluding cropland pastured	farms, 1987	51	10	3	-	1	2	-	5
	1982	22	4	1	1	-	-	-	-
	acres, 1987	6 897	333	154	-	(D)	(D)	-	156
	1982	531	231	(D)	(D)	-	-	-	-
Pastureland, excluding woodland pastured	farms, 1987	14	2	3	-	1	1	-	3
	1982	23	3	2	2	-	-	-	1
	acres, 1987	1 478	(D)	200	-	(D)	(D)	-	151
	1982	1 703	140	(D)	(D)	-	-	-	(D)
Irrigated land	acres, 1987	8 639	307	(D)	-	(D)	42	(D)	57
	1982	6 977	204	(D)	(D)	(D)	-	(D)	(D)
Harvested cropland	farms, 1987	58	14	5	-	2	1	2	7
	1982	57	6	2	2	2	-	1	4
	acres, 1987	(D)	(D)	(D)	-	(D)	(D)	(D)	57
	1982	(D)	204	(D)	(D)	(D)	-	(D)	(D)
Pastureland and other land	farms, 1987	1	2	1	-	-	2	-	-
	1982	2	-	-	-	-	-	-	-
	acres, 1987	(D)	(D)	(D)	-	-	(D)	-	-
	1982	(D)	-	-	-	-	-	-	-
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	2	2	1	-	1	-	1	2
	acres irrigated	(D)	(D)	(D)	-	(D)	-	(D)	(D)
10 to 49 acres	farms	1	5	1	-	-	2	1	1
	acres irrigated	(D)	11	(D)	-	-	(D)	(D)	(D)
50 to 69 acres	farms	-	2	-	-	-	-	-	1
	acres irrigated	-	(D)	-	-	-	-	-	(D)
70 to 99 acres	farms	4	-	-	-	-	1	-	-
	acres irrigated	218	-	-	-	-	(D)	-	-
100 to 139 acres	farms	3	1	-	-	-	-	-	1
	acres irrigated	190	(D)	-	-	-	-	-	(D)
140 to 179 acres	farms	3	1	-	-	-	-	-	1
	acres irrigated	220	(D)	-	-	-	-	-	(D)
180 to 219 acres	farms	1	1	-	-	-	-	-	1
	acres irrigated	(D)	(D)	-	-	-	-	-	(D)
220 to 259 acres	farms	3	1	-	-	-	-	-	-
	acres irrigated	351	(D)	-	-	-	-	-	-
260 to 499 acres	farms	18	-	2	-	1	-	-	-
	acres irrigated	2 159	-	(D)	-	(D)	-	-	-
500 to 999 acres	farms	16	1	1	-	-	-	-	-
	acres irrigated	3 333	(D)	(D)	-	-	-	-	-
1,000 to 1,999 acres	farms	8	1	-	-	-	-	-	-
	acres irrigated	2 020	(D)	-	-	-	-	-	-
2,000 acres or more	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	-	-	-	-	2	-	-	1
	acres irrigated	-	-	-	-	(D)	-	-	(D)
10 to 49 acres	farms	3	3	-	-	-	-	-	1
	acres irrigated	10	12	-	-	-	-	-	(D)
50 to 69 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
70 to 99 acres	farms	2	-	-	-	-	-	1	1
	acres irrigated	(D)	-	-	-	-	-	(D)	(D)
100 to 139 acres	farms	1	-	-	-	-	-	-	-
	acres irrigated	(D)	-	-	-	-	-	-	-
140 to 179 acres	farms	4	1	-	-	-	-	-	-
	acres irrigated	364	(D)	-	-	-	-	-	-
180 to 219 acres	farms	4	1	-	1	-	-	-	-
	acres irrigated	530	(D)	-	(D)	-	-	-	-
220 to 259 acres	farms	9	-	-	-	-	-	-	1
	acres irrigated	1 109	-	-	-	-	-	-	(D)
260 to 499 acres	farms	20	-	-	1	-	-	-	-
	acres irrigated	3 738	-	-	(D)	-	-	-	-
500 to 999 acres	farms	13	-	1	-	-	-	-	-
	acres irrigated	3 041	-	(D)	-	-	-	-	-
1,000 to 1,999 acres	farms	1	-	-	-	-	-	-	-
	acres irrigated	(D)	-	-	-	-	-	-	-
2,000 acres or more	farms	-	1	1	-	-	-	-	-
	acres irrigated	-	(D)	(D)	-	-	-	-	-

Table 7. **Irrigation: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms	number, 1987	7	-	4	2	2	25	3	4
	1982	6	2	4	2	3	28	6	2
Land in irrigated farms	acres, 1987	190	-	187	(D)	(D)	18 468	1 498	722
	1982	296	(D)	228	(D)	1 374	22 967	2 359	(D)
Harvested cropland	farms, 1987	7	-	4	2	2	25	3	4
	1982	6	2	4	2	3	28	6	2
	acres, 1987	60	-	161	(D)	(D)	14 069	1 180	402
	1982	278	(D)	170	(D)	1 140	20 259	2 027	(D)
Other cropland, excluding cropland pastured	farms, 1987	2	-	1	1	1	19	2	4
	1982	1	-	-	-	-	10	5	1
	acres, 1987	(D)	-	(D)	(D)	(D)	3 517	(D)	116
	1982	(D)	-	-	-	-	732	210	(D)
Pastureland, excluding woodland pastured	farms, 1987	3	-	-	-	-	4	-	1
	1982	-	1	1	1	3	12	2	-
	acres, 1987	(D)	-	-	-	-	322	-	(D)
	1982	-	(D)	(D)	(D)	(D)	900	(D)	-
Irrigated land	acres, 1987	48	-	(D)	(D)	(D)	4 930	(D)	(D)
	1982	27	(D)	(D)	(D)	(D)	6 372	399	(D)
Harvested cropland	farms, 1987	7	-	4	2	2	25	3	4
	1982	5	2	4	2	3	28	6	2
	acres, 1987	48	-	(D)	(D)	(D)	4 930	(D)	(D)
	1982	(D)	(D)	(D)	(D)	(D)	6 372	399	(D)
Pastureland and other land	farms, 1987	-	-	-	1	-	-	-	1
	1982	1	-	-	-	-	-	-	-
	acres, 1987	-	-	-	(D)	-	-	-	(D)
	1982	(D)	-	-	-	-	-	-	-
1987 irrigated acres by size of farm:									
1 to 9 acres	farms	3	-	2	1	1	4	1	-
	acres irrigated	15	-	(D)	(D)	(D)	4	(D)	-
10 to 49 acres	farms	3	-	-	-	-	-	-	1
	acres irrigated	(D)	-	-	-	-	-	-	(D)
50 to 69 acres	farms	1	-	1	-	-	2	-	-
	acres irrigated	(D)	-	(D)	-	-	(D)	-	-
70 to 99 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
100 to 139 acres	farms	-	-	1	1	-	1	-	2
	acres irrigated	-	-	(D)	(D)	-	(D)	-	(D)
140 to 179 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
180 to 219 acres	farms	-	-	-	-	-	-	-	-
	acres irrigated	-	-	-	-	-	-	-	-
220 to 259 acres	farms	-	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
260 to 499 acres	farms	-	-	-	-	-	4	-	1
	acres irrigated	-	-	-	-	-	1 212	-	(D)
500 to 999 acres	farms	-	-	-	-	-	5	2	-
	acres irrigated	-	-	-	-	-	1 076	(D)	-
1,000 to 1,999 acres	farms	-	-	-	-	1	6	-	-
	acres irrigated	-	-	-	-	(D)	1 087	-	-
2,000 acres or more	farms	-	-	-	-	-	2	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
1982 irrigated acres by size of farm:									
1 to 9 acres	farms	3	-	1	1	-	1	-	-
	acres irrigated	4	-	(D)	(D)	-	(D)	-	-
10 to 49 acres	farms	-	1	1	1	-	1	-	2
	acres irrigated	-	(D)	(D)	(D)	-	(D)	-	(D)
50 to 69 acres	farms	-	-	-	-	1	1	1	-
	acres irrigated	-	-	-	-	(D)	(D)	(D)	-
70 to 99 acres	farms	2	-	1	-	-	-	-	-
	acres irrigated	(D)	-	(D)	-	-	-	-	-
100 to 139 acres	farms	1	-	1	-	-	1	-	-
	acres irrigated	(D)	-	(D)	-	-	(D)	-	-
140 to 179 acres	farms	-	-	-	-	-	1	2	-
	acres irrigated	-	-	-	-	-	(D)	(D)	-
180 to 219 acres	farms	-	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
220 to 259 acres	farms	-	-	-	-	-	1	-	-
	acres irrigated	-	-	-	-	-	(D)	-	-
260 to 499 acres	farms	-	1	-	-	1	7	-	-
	acres irrigated	-	(D)	-	-	(D)	2 130	-	-
500 to 999 acres	farms	-	-	-	-	1	7	3	-
	acres irrigated	-	-	-	-	(D)	1 492	390	-
1,000 to 1,999 acres	farms	-	-	-	-	-	4	-	-
	acres irrigated	-	-	-	-	-	1 627	-	-
2,000 acres or more	farms	-	-	-	-	-	3	-	-
	acres irrigated	-	-	-	-	-	2 870	-	-

able 8. Machinery and Equipment on Place: 1987 and 1982

a are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
ALUE OF MACHINERY AND EQUIPMENT							
imated market value of all machinery and quipment farms, 1987	104 901	971	681	1 061	884	844	1 430
1982	115 266	1 065	737	1 134	893	905	1 585
$1,000, 1987	5 543 375	49 068	25 715	57 082	27 244	45 383	79 206
1982	6 731 271	52 001	35 340	66 402	24 852	50 910	97 917
Average per farm dollars, 1987	52 844	50 533	37 760	53 800	30 819	53 771	55 389
1982	58 398	48 827	47 952	58 556	27 829	56 254	61 778
Farms by value group: $1 to $9,999 1987	19 531	139	162	197	247	180	166
1982	19 951	114	96	113	294	136	270
$10,000 to $19,999 1987	15 609	166	182	167	214	95	258
1982	15 825	144	160	237	226	142	229
$20,000 to $29,999 1987	12 464	146	56	61	119	142	153
1982	13 511	155	94	133	76	106	142
$30,000 to $49,999 1987	16 318	167	72	262	165	131	229
1982	16 793	280	153	118	171	169	234
$50,000 to $69,999 1987	12 639	139	89	106	28	73	235
1982	14 008	147	80	192	37	94	189
$70,000 to $99,999 1987	10 272	55	55	79	37	59	140
1982	12 006	87	47	121	46	65	197
$100,000 to $199,999 1987	14 193	145	55	156	54	118	216
1982	17 527	100	84	159	28	149	245
$200,000 or more 1987	3 875	14	10	33	20	46	33
1982	5 645	38	23	61	15	44	79
$200,000 to $499,999 1987	3 763	12	10	25	20	45	32
$500,000 or more 1987	112	2	-	8	-	1	1
ELECTED MACHINERY AND EQUIPMENT							
otortrucks, including pickups farms, 1987	93 674	855	630	949	790	684	1 330
1982	101 739	1 002	679	1 016	736	822	1 408
number, 1987	143 433	1 262	986	1 273	1 118	1 067	1 967
1982	147 663	1 299	1 064	1 303	994	1 192	1 992
heel tractors farms, 1987	97 120	932	624	1 031	772	764	1 377
1982	104 017	960	700	1 008	759	798	1 464
number, 1987	302 392	2 609	1 582	3 519	1 751	2 441	4 300
1982	305 334	2 842	1 898	3 265	1 692	2 459	4 441
Less than 40 horsepower (PTO) farms, 1987	48 200	393	290	600	288	349	695
number, 1987	79 062	629	459	1 056	413	569	990
40 horsepower (PTO) or more farms, 1987	85 755	832	555	869	660	693	1 262
number, 1987	223 330	1 980	1 123	2 463	1 338	1 872	3 310
rain and bean combines[1] farms, 1987	55 575	466	318	454	300	432	766
1982	54 993	533	353	354	275	456	876
number, 1987	60 004	473	347	455	399	452	801
1982	57 726	569	364	354	283	487	906
ottonpickers and strippers farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
lower conditioners farms, 1987	29 756	281	163	803	335	197	385
1982	27 138	366	208	702	230	193	382
number, 1987	31 333	291	190	841	363	204	396
1982	28 401	417	209	726	230	216	388
ickup balers farms, 1987	40 640	437	261	832	467	263	644
1982	43 063	528	400	807	424	297	659
number, 1987	46 867	529	321	1 068	578	286	738
1982	47 776	631	507	961	518	331	752
987 INVENTORY							
anufactured 1983 to 1987: Motortrucks, including pickups farms	26 086	266	126	230	178	211	319
number	28 331	312	130	234	196	256	348
Wheel tractors farms	12 351	93	21	105	57	124	203
number	17 313	123	29	137	58	207	266
Less than 40 horsepower (PTO) farms	2 808	22	1	11	-	31	50
number	3 191	22	(D)	12	-◀ 034		
Less than 40 horsepower (PTO) farms	46 231	378	289	600	288	319	654
number	75 871	607	(D)	1 044	413	537	937
40 horsepower (PTO) or more farms	83 540	807	548	854	649	644	1 245
number	209 208	1 879	(D)	2 278	1 280	1 697	3 097
Grain and bean combines farms	49 234	372	236	415	275	362	679
number	53 156	379	263	416	347	380	696
Cottonpickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners farms	25 638	222	168	644	271	164	355
number	26 932	225	175	680	299	165	365
Pickup balers farms	38 284	393	252	766	454	250	620
number	43 248	457	311	938	550	273	694

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment farms, 1987	1 264	1 029	1 140	1 331	1 097	1 294	992
1982	1 352	1 153	1 287	1 403	1 185	1 466	1 164
$1,000, 1987	65 952	57 799	57 864	67 169	67 354	65 791	60 596
1982	80 318	73 228	67 711	83 948	80 144	84 244	75 703
Average per farm dollars, 1987	52 177	56 170	50 758	50 480	61 398	50 843	61 085
1982	59 407	63 511	52 612	59 835	67 632	57 465	65 037
Farms by value group:							
$1 to $9,999 1987	297	160	238	282	140	262	186
1982	279	214	241	228	118	262	148
$10,000 to $19,999 1987	188	169	187	240	156	174	143
1982	185	143	200	256	106	202	99
$20,000 to $29,999 1987	156	139	134	120	143	175	56
1982	183	134	164	120	136	128	158
$30,000 to $49,999 1987	169	129	113	260	146	210	116
1982	167	110	254	206	222	225	180
$50,000 to $69,999 1987	133	108	160	125	141	104	145
1982	173	122	99	195	146	249	132
$70,000 to $99,999 1987	119	87	97	77	130	139	117
1982	100	131	107	130	139	95	157
$100,000 to $199,999 1987	140	211	187	174	195	163	176
1982	155	236	147	173	270	237	235
$200,000 or more 1987	62	26	24	53	46	47	53
1982	110	63	75	93	46	68	57
$200,000 to $499,999 1987	61	25	24	52	46	46	53
$500,000 or more 1987	1	1	-	1	-	1	-
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups farms, 1987	1 116	939	986	1 081	985	1 098	886
1982	1 257	1 029	1 141	1 177	1 062	1 234	1 049
number, 1987	1 851	1 468	1 423	1 562	1 560	1 528	1 408
1982	1 831	1 566	1 480	1 708	1 574	1 601	1 614
Wheel tractors farms, 1987	1 155	947	1 045	1 236	989	1 182	937
1982	1 232	1 070	1 221	1 322	1 122	1 305	993
number, 1987	3 566	3 034	3 340	3 748	3 276	3 804	3 0[illegible]
1982	3 523	3 158	3 420	3 770	3 467	3 846	2 959
Less than 40 horsepower (PTO) farms, 1987	677	463	621	556	521	610	442
number, 1987	1 161	812	1 145	925	895	1 036	823
40 horsepower (PTO) or more farms, 1987	975	875	882	1 115	893	1 021	837
number, 1987	2 405	2 222	2 195	2 823	2 381	2 768	2 273
Grain and bean combines[1] farms, 1987	634	635	600	665	657	783	566
1982	592	590	548	634	694	766	668
number, 1987	680	650	620	740	710	816	606
1982	670	598	555	662	723	807	703
Cottonpickers and strippers farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Mower conditioners farms, 1987	344	166	341	327	137	428	182
1982	268	172	301	335	193	290	112
number, 1987	351	174	359	327	146	437	205
1982	287	176	301	345	199	296	119
Pickup balers farms, 1987	452	280	532	495	229	682	268
1982	382	231	517	513	226	601	230
number, 1987	502	323	567	576	233	734	264
1982	398	283	525	595	234	616	265
1987 INVENTORY							
Manufactured 1983 to 1987:							
Motortrucks, including pickups farms	346	250	291	267	190	257	227
number	382	263	307	284	225	269	245
Wheel tractors farms	115	138	149	167	154	149	126
number	149	169	179	219	217	179	158
Less than 40 horsepower (PTO) farms	31	19	20	38	51	31	33
number	32	19	21	53	56	34	37
40 horsepower (PTO) or more farms	106	120	138	138	120	118	109
number	117	150	156	166	161	145	121
Grain and bean combines farms	72	77	118	83	49	122	55
number	74	77	118	85	53	122	55
Cottonpickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners farms	58	17	38	51	16	77	18
number	58	17	38	51	16	77	27
Pickup balers farms	21	12	33	48	8	53	13
number	21	12	33	56	8	53	13
Manufactured prior to 1983:							
Motortrucks, including pickups farms	973	825	774	926	897	942	738
number	1 469	1 205	1 116	1 278	1 335	1 259	1 163
Wheel tractors farms	1 127	934	1 015	1 200	954	1 166	929
number	3 417	2 865	3 161	3 529	3 059	3 625	2 936
Less than 40 horsepower (PTO) farms	648	462	613	540	480	583	434
number	1 129	793	1 124	872	839	1 002	786
40 horsepower (PTO) or more farms	947	858	836	1 085	863	1 008	613
number	2 288	2 072	2 037	2 657	2 220	2 623	2 152
Grain and bean combines farms	563	561	484	583	612	663	526
number	606	573	502	655	657	694	551
Cottonpickers and strippers farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners farms	286	149	303	276	121	352	166
number	293	157	321	276	130	360	178
Pickup balers farms	432	269	505	461	222	643	256
number	481	311	534	520	225	681	271

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment .... farms, 1987	1 314	942	1 170	922	1 091	1 054	693
1982	1 396	1 087	1 323	1 033	1 214	1 180	766
$1,000, 1987	66 718	46 846	71 998	60 390	58 070	53 539	22 133
1982	75 245	62 542	97 201	73 229	71 719	62 389	31 864
Average per farm .... dollars, 1987	50 775	49 730	61 537	65 498	53 227	50 796	31 938
1982	53 901	57 537	73 470	70 889	59 077	52 872	41 599
Farms by value group:							
$1 to $9,999 1987	214	208	215	136	111	162	159
1982	163	243	204	145	146	215	201
$10,000 to $19,999 1987	177	137	69	73	181	172	187
1982	193	93	120	99	194	162	128
$20,000 to $29,999 1987	159	121	150	94	106	94	112
1982	168	184	130	149	45	194	79
$30,000 to $49,999 1987	238	140	179	191	231	210	84
1982	270	125	191	134	233	228	106
$50,000 to $69,999 1987	160	116	166	145	175	130	58
1982	232	137	128	118	151	91	102
$70,000 to $99,999 1987	201	65	115	85	113	141	45
1982	148	77	181	113	171	98	50
$100,000 to $199,999 1987	115	130	234	133	154	124	42
1982	188	155	267	198	237	138	83
$200,000 or more 1987	50	25	42	65	20	21	6
1982	36	73	102	77	37	54	17
$200,000 to $499,999 1987	49	24	41	62	20	20	6
$500,000 or more 1987	1	1	1	3	-	1	-
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups .... farms, 1987	1 108	830	1 114	840	1 005	924	605
1982	1 205	938	1 210	865	1 033	1 059	700
number, 1987	1 525	1 292	1 697	1 488	1 430	1 290	861
1982	1 729	1 396	1 637	1 281	1 444	1 367	986
Wheel tractors .... farms, 1987	1 175	879	1 134	852	1 029	971	633
1982	1 284	982	1 218	979	1 129	1 015	660
number, 1987	3 968	2 615	3 603	2 747	3 114	3 238	1 560
1982	3 809	2 640	3 626	2 819	3 449	3 208	1 604
Less than 40 horsepower (PTO) .... farms, 1987	548	443	459	440	421	515	291
number, 1987	1 001	660	739	782	621	893	532
40 horsepower (PTO) or more .... farms, 1987	1 090	770	1 032	756	962	909	530
number, 1987	2 967	1 955	2 864	1 965	2 493	2 345	1 028
Grain and bean combines[1] .... farms, 1987	837	562	677	550	661	610	296
1982	710	606	597	547	615	579	263
number, 1987	877	626	690	615	677	644	302
1982	747	627	606	576	631	609	272
Cottonpickers and strippers .... farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Mower conditioners .... farms, 1987	275	191	235	137	187	390	246
1982	267	303	260	117	206	340	269
number, 1987	290	216	248	157	193	423	250
1982	277	303	265	118	215	365	269
Pickup balers .... farms, 1987	324	312	500	273	333	489	335
1982	373	367	556	269	398	542	399
number, 1987	343	375	566	322	351	548	382
1982	390	454	634	285	422	560	434
1987 INVENTORY							
Manufactured 1983 to 1987:							
Motortrucks, including pickups .... farms	340	284	447	228	247	197	111
number	350	303	514	239	266	210	123
Wheel tractors .... farms	150	123	266	113	137	88	43
number	202	173	449	164	221	123	68
Less than 40 horsepower (PTO) .... farms	39	57	80	18	44	4	13
number	40	58	80	18	52	5	17
40 horsepower (PTO) or more .... farms	114	96	217	100	129	86	39
number	162	115	369	146	169	118	51
Grain and bean combines .... farms	84	79	121	97	95	53	10
number	84	80	121	99	96	54	11
Cottonpickers and strippers .... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners .... farms	48	33	36	6	13	25	30
number	46	33	36	6	14	25	34
Pickup balers .... farms	35	15	35	8	10	42	32
number	35	15	42	10	10	42	32
Manufactured prior to 1983:							
Motortrucks, including pickups .... farms	857	681	844	730	851	795	554
number	1 175	989	1 183	1 249	1 164	1 080	738
Wheel tractors .... farms	1 154	854	1 019	828	976	955	629
number	3 766	2 442	3 154	2 583	2 893	3 115	1 492
Less than 40 horsepower (PTO) .... farms	538	400	381	424	379	512	287
number	961	602	659	764	569	888	515
40 horsepower (PTO) or more .... farms	1 067	752	964	744	916	891	530
number	2 805	1 840	2 495	1 819	2 324	2 227	977
Grain and bean combines .... farms	756	494	557	454	567	564	286
number	793	546	569	516	581	590	291
Cottonpickers and strippers .... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners .... farms	231	165	211	131	174	366	216
number	244	183	212	151	179	398	216
Pickup balers .... farms	291	297	472	266	325	473	312
number	308	360	524	312	341	506	350

See footnotes at end of table.

Table 8. **Machinery and Equipment on Place: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ... farms, 1987	877	1 706	1 432	1 339	1 081	921	703
1982	1 045	1 725	1 558	1 511	1 208	954	769
$1,000, 1987	56 785	98 431	70 612	65 387	62 058	28 106	21 353
1982	73 975	105 910	102 098	74 146	68 781	35 798	28 967
Average per farm ... dollars, 1987	64 749	57 697	49 310	48 833	57 408	30 517	30 374
1982	70 790	61 397	65 530	49 071	56 936	37 525	37 669
Farms by value group:							
$1 to $9,999 ... 1987	87	303	255	201	290	265	265
1982	152	247	213	176	296	261	184
$10,000 to $19,999 ... 1987	146	212	285	221	122	196	88
1982	115	241	178	193	172	211	183
$20,000 to $29,999 ... 1987	74	181	181	172	105	180	104
1982	105	161	203	360	142	187	98
$30,000 to $49,999 ... 1987	140	269	240	254	171	139	122
1982	140	291	294	243	87	108	106
$50,000 to $69,999 ... 1987	136	170	143	186	105	33	52
1982	111	228	190	233	152	46	72
$70,000 to $99,999 ... 1987	70	215	139	107	53	44	24
1982	142	244	112	107	142	38	56
$100,000 to $199,999 ... 1987	190	305	126	163	171	58	37
1982	202	190	274	155	137	76	52
$200,000 or more ... 1987	32	51	63	35	64	6	11
1982	78	123	94	44	80	27	18
$200,000 to $499,999 ... 1987	31	49	56	35	62	5	11
$500,000 or more ... 1987	1	2	7	-	2	1	-
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ... farms, 1987	827	1 527	1 275	1 182	919	782	647
1982	940	1 508	1 387	1 285	1 084	872	663
number, 1987	1 279	2 247	1 946	1 776	1 678	1 069	941
1982	1 403	1 936	2 106	1 718	1 683	1 129	1 022
Wheel tractors ... farms, 1987	835	1 610	1 316	1 160	981	793	676
1982	970	1 652	1 443	1 406	1 127	860	712
number, 1987	2 532	5 539	4 399	3 663	2 771	1 958	1 668
1982	2 939	4 794	4 633	3 913	2 971	2 041	1 874
Less than 40 horsepower (PTO) ... farms, 1987	338	891	607	537	478	375	334
number, 1987	521	1 520	1 004	837	740	532	554
40 horsepower (PTO) or more ... farms, 1987	781	1 459	1 169	1 030	802	656	527
number, 1987	2 011	4 019	3 395	2 826	2 031	1 426	1 114
Grain and bean combines[1] ... farms, 1987	574	760	668	697	523	347	270
1982	554	622	722	721	631	333	232
number, 1987	636	832	684	720	638	386	300
1982	595	623	734	745	678	353	234
Cottonpickers and strippers ... farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Mower conditioners ... farms, 1987	142	1 128	491	346	182	367	226
1982	153	1 048	414	288	167	364	218
number, 1987	142	1 163	504	355	191	374	249
1982	154	1 064	423	293	167	375	222
Pickup balers ... farms, 1987	228	1 068	637	483	215	447	330
1982	282	1 189	687	554	259	440	434
number, 1987	259	1 307	740	553	259	566	372
1982	294	1 322	731	577	278	505	479
1987 INVENTORY							
Manufactured 1983 to 1987:							
Motortrucks, including pickups ... farms	258	477	348	347	337	172	130
number	298	530	400	368	381	197	135
Wheel tractors ... farms	201	215	171	171	147	47	43
number	291	301	275	232	199	63	64
Less than 40 horsepower (PTO) ... farms	49	70	79	32	76	11	13
number	76	70	79	39	85	11	13
40 horsepower (PTO) or more ... farms	172	163	126	150	83	37	37
number	215	231	196	193	114	52	51
Grain and bean combines ... farms	86	60	92	87	83	7	21
number	92	60	(D)	87	114	9	22
Cottonpickers and strippers ... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ... farms	30	191	60	26	27	43	53
number	30	195	60	26	27	43	54
Pickup balers ... farms	15	197	39	34	22	56	37
number	36	221	40	35	22	56	37
Manufactured prior to 1983:							
Motortrucks, including pickups ... farms	650	1 220	1 061	990	757	686	566
number	981	1 717	1 546	1 408	1 297	872	806
Wheel tractors ... farms	781	1 604	1 269	1 135	920	790	676
number	2 241	5 238	4 124	3 431	2 572	1 895	1 604
Less than 40 horsepower (PTO) ... farms	292	862	550	516	403	374	334
number	445	1 450	925	798	655	521	541
40 horsepower (PTO) or more ... farms	738	1 444	1 129	1 018	783	646	527
number	1 796	3 788	3 199	2 633	1 917	1 374	1 063
Grain and bean combines ... farms	491	700	578	610	460	341	258
number	544	772	(D)	633	524	377	278
Cottonpickers and strippers ... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ... farms	112	938	431	320	155	330	174
number	112	968	444	329	164	331	195
Pickup balers ... farms	213	939	610	451	202	413	293
number	223	1 066	700	518	237	510	335

See footnotes at end of table.

Table 8. **Machinery and Equipment on Place: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ……farms, 1987	1 452	752	593	1 690	609	1 510	985	1 010
1982	1 481	815	652	1 708	714	1 638	1 096	1 168
$1,000, 1987	93 611	39 131	36 852	88 176	38 260	90 036	53 143	76 147
1982	107 755	47 544	44 985	94 329	57 637	106 370	80 380	86 885
Average per farm ……dollars, 1987	64 471	52 035	62 145	52 176	62 824	59 626	53 952	75 393
1982	72 756	58 336	68 996	55 228	80 724	64 939	73 339	74 388
Farms by value group:								
$1 to $9,999 …… 1987	142	157	93	255	73	248	216	130
1982	138	163	76	237	58	217	198	138
$10,000 to $19,999 …… 1987	174	139	75	235	46	210	177	112
1982	154	132	76	204	72	201	119	139
$20,000 to $29,999 …… 1987	87	77	62	198	44	134	110	56
1982	142	74	54	255	37	180	84	106
$30,000 to $49,999 …… 1987	267	113	67	365	126	328	113	102
1982	198	82	96	248	109	221	138	201
$50,000 to $69,999 …… 1987	285	84	108	175	103	132	108	188
1982	210	145	129	298	69	246	102	142
$70,000 to $99,999 …… 1987	197	49	41	184	107	150	81	138
1982	230	59	60	166	148	213	120	115
$100,000 to $199,999 …… 1987	235	88	125	214	79	226	150	200
1982	314	116	128	241	169	265	219	232
$200,000 or more …… 1987	65	45	22	64	31	82	30	84
1982	95	44	33	59	52	95	116	95
$200,000 to $499,999 …… 1987	62	45	21	64	31	80	28	82
$500,000 or more …… 1987	3	-	1	-	-	2	2	2
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ……farms, 1987	1 297	706	558	1 504	539	1 336	917	918
1982	1 299	754	577	1 404	623	1 467	996	999
number, 1987	1 670	1 155	893	1 850	950	1 861	1 529	1 387
1982	1 621	1 283	847	1 642	1 069	2 025	1 757	1 392
Wheel tractors ……farms, 1987	1 380	648	551	1 593	583	1 463	919	947
1982	1 370	738	585	1 608	649	1 524	981	1 087
number, 1987	4 519	1 944	1 708	4 924	2 091	5 149	3 007	3 206
1982	4 208	2 112	1 927	4 909	2 065	4 844	3 074	3 432
Less than 40 horsepower (PTO) ……farms, 1987	599	293	283	756	374	685	524	524
number, 1987	919	432	430	1 154	561	1 526	1 047	914
40 horsepower (PTO) or more ……farms, 1987	1 320	579	500	1 343	542	1 322	780	837
number, 1987	3 600	1 512	1 278	3 770	1 530	3 623	1 960	2 292
Grain and bean combines[1] ……farms, 1987	782	444	369	568	462	762	526	634
1982	671	413	338	425	475	774	579	664
number, 1987	789	484	431	576	518	813	564	663
1982	692	446	347	440	512	823	600	712
Cottonpickers and strippers ……farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Mower conditioners ……farms, 1987	828	173	82	1 075	67	788	208	163
1982	714	96	72	1 070	48	744	185	190
number, 1987	854	174	97	1 120	86	827	218	166
1982	733	104	75	1 117	52	765	197	203
Pickup balers ……farms, 1987	968	220	176	1 144	154	879	301	321
1982	871	270	217	1 183	178	1 015	387	413
number, 1987	1 100	270	202	1 325	181	984	355	341
1982	962	278	257	1 329	179	1 112	400	414
1987 INVENTORY								
Manufactured 1983 to 1987:								
Motortrucks, including pickups …… farms	382	223	170	567	137	378	188	267
number	410	265	180	591	146	409	194	302
Wheel tractors …… farms	242	75	36	264	68	134	140	147
number	318	107	49	389	93	212	195	205
Less than 40 horsepower (PTO) …… farms	39	21	2	47	11	39	28	36
number	40	21	(D)	61	11	39	30	43
40 horsepower (PTO) or more …… farms	214	69	35	248	60	115	114	115
number	278	86	(D)	328	82	173	165	162
Grain and bean combines …… farms	98	61	17	71	42	76	75	83
number	98	61	17	71	42	76	75	85
Cottonpickers and strippers …… farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners …… farms	159	19	3	198	2	72	37	7
number	173	19	4	199	(D)	75	37	7
Pickup balers …… farms	99	7	11	102	3	61	29	24
number	100	7	20	103	3	70	34	24
Manufactured prior to 1983:								
Motortrucks, including pickups …… farms	986	601	431	1 054	469	1 090	822	773
number	1 260	890	713	1 259	804	1 452	1 335	1 085
Wheel tractors …… farms	1 370	631	550	1 549	572	1 435	868	921
number	4 201	1 837	1 659	4 535	1 998	4 937	2 812	3 001
Less than 40 horsepower (PTO) …… farms	586	286	281	726	371	657	511	493
number	879	411	(D)	1 093	550	1 487	1 017	871
40 horsepower (PTO) or more …… farms	1 296	568	500	1 301	533	1 294	751	821
number	3 322	1 426	(D)	3 442	1 448	3 450	1 795	2 130
Grain and bean combines …… farms	685	386	354	500	421	689	453	551
number	691	423	414	505	476	737	489	578
Cottonpickers and strippers …… farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners …… farms	673	154	81	893	65	726	171	156
number	681	155	93	921	(D)	752	181	159
Pickup balers …… farms	884	229	165	1 086	151	837	288	297
number	1 000	263	182	1 222	178	914	321	317

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment farms, 1987	711	942	1 038	980	1 026	1 053	1 065	1 002
1982	771	1 047	1 129	1 105	1 156	1 176	1 169	1 192
$1,000, 1987	43 556	54 438	61 916	45 574	74 452	73 708	67 139	48 497
1982	55 782	76 471	71 607	47 656	81 452	87 219	83 049	65 384
Average per farm dollars, 1987	61 260	57 790	59 649	47 473	72 565	69 998	63 041	48 400
1982	72 351	73 036	63 425	43 128	70 338	74 166	69 848	54 853
Farms by value group:								
$1 to $9,999 1987	96	172	121	223	159	103	146	185
1982	101	178	190	250	192	107	158	275
$10,000 to $19,999 1987	114	83	112	107	93	82	126	127
1982	100	91	111	219	109	113	206	155
$20,000 to $29,999 1987	76	78	173	110	105	102	142	173
1982	64	84	140	107	155	126	104	112
$30,000 to $49,999 1987	36	225	144	167	134	178	125	189
1982	84	89	152	194	128	178	102	136
$50,000 to $69,999 1987	106	71	177	124	126	134	193	135
1982	70	162	143	110	95	172	143	142
$70,000 to $99,999 1987	91	134	123	77	136	166	97	55
1982	175	148	124	81	150	168	163	142
$100,000 to $199,999 1987	102	142	151	127	194	247	190	104
1982	129	216	222	125	247	235	226	181
$200,000 or more 1987	38	37	37	25	79	41	46	34
1982	48	79	47	19	82	77	87	49
$200,000 to $499,999 1987	34	36	35	25	77	41	46	32
$500,000 or more 1987	4	1	2	-	2	-	-	2
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups farms, 1987	656	899	938	830	928	980	921	930
1982	736	904	988	986	1 034	1 079	1 091	1 070
number, 1987	1 273	1 519	1 369	1 443	1 541	1 330	1 548	1 543
1982	1 383	1 539	1 403	1 395	1 527	1 513	1 581	1 704
Wheel tractors farms, 1987	672	819	999	900	935	979	979	888
1982	683	953	990	1 000	1 000	1 061	1 044	1 044
number, 1987	2 253	2 710	3 023	2 574	3 172	3 414	3 444	2 481
1982	2 105	3 063	2 969	2 760	3 112	3 612	3 153	3 021
Less than 40 horsepower (PTO) farms, 1987	319	442	463	433	544	432	479	331
number, 1987	549	694	622	754	903	815	855	592
40 horsepower (PTO) or more farms, 1987	589	769	886	724	849	912	887	831
number, 1987	1 704	2 016	2 401	1 820	2 269	2 599	2 589	1 889
Grain and bean combines[1] farms, 1987	395	599	554	511	656	722	654	526
1982	454	611	548	529	687	755	654	632
number, 1987	442	631	626	582	701	764	704	590
1982	482	640	578	575	712	784	682	657
Cottonpickers and strippers farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Mower conditioners farms, 1987	159	167	240	227	150	229	167	164
1982	73	171	134	202	100	246	121	208
number, 1987	160	177	259	228	152	229	181	182
1982	74	171	136	209	100	266	124	219
Pickup balers farms, 1987	213	249	303	363	220	416	304	162
1982	219	230	282	390	154	483	406	278
number, 1987	215	261	345	434	223	478	318	176
1982	232	232	296	437	158	505	426	285
1987 INVENTORY								
Manufactured 1983 to 1987:								
Motortrucks, including pickups farms	206	203	281	201	302	255	241	300
number	224	222	297	210	329	271	253	326
Wheel tractors farms	117	82	171	71	182	173	75	99
number	136	109	218	83	235	252	117	115
Less than 40 horsepower (PTO) farms	10	30	28	9	37	31	9	5
number	14	31	28	9	44	39	15	5
40 horsepower (PTO) or more farms	107	65	161	63	149	163	72	95
number	122	76	190	74	191	213	102	110
Grain and bean combines farms	82	65	87	15	93	63	73	44
number	84	65	92	16	96	64	76	46
Cottonpickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners farms	30	35	54	18	15	22	29	24
number	30	35	56	18	15	22	29	24
Pickup balers farms	23	24	11	42	16	32	10	19
number	23	24	11	42	16	40	14	19
Manufactured prior to 1983:								
Motortrucks, including pickups farms	600	782	776	755	765	818	791	783
number	1 049	1 297	1 072	1 233	1 212	1 059	1 296	1 217
Wheel tractors farms	670	800	970	856	897	963	964	877
number	2 117	2 601	2 805	2 491	2 937	3 162	3 327	2 366
Less than 40 horsepower (PTO) farms	310	413	435	424	511	424	470	327
number	535	663	594	745	859	776	840	587
40 horsepower (PTO) or more farms	580	751	856	667	806	869	865	819
number	1 582	1 938	2 211	1 746	2 078	2 386	2 487	1 779
Grain and bean combines farms	315	536	471	496	566	669	581	488
number	358	566	534	566	605	700	628	544
Cottonpickers and strippers farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners farms	129	132	186	209	135	207	136	140
number	130	142	203	210	137	207	152	158
Pickup balers farms	161	233	292	330	207	402	294	144
number	192	237	334	392	207	438	304	157

See footnotes at end of table.

Table 8. **Machinery and Equipment on Place: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1987	894	938	754	786	1 050	1 354	1 465	774
1982	963	1 055	848	874	1 150	1 422	1 589	894
$1,000, 1987	47 435	45 381	53 479	38 821	54 023	52 466	69 614	32 327
1982	54 744	54 257	70 963	45 285	60 070	67 713	83 763	50 395
Average per farm ..... dollars, 1987	53 059	48 381	70 927	49 390	51 450	38 750	47 518	41 766
1982	56 847	51 429	83 671	51 814	52 235	47 618	52 715	56 371
Farms by value group:								
$1 to $9,999 1987	221	151	47	104	188	327	273	181
1982	219	153	96	116	185	268	315	152
$10,000 to $19,999 1987	126	131	74	101	163	244	275	160
1982	176	160	109	91	181	193	232	152
$20,000 to a29,999 1987	86	136	51	101	145	124	219	112
1982	78	117	56	118	158	297	178	136
$30,000 to $49,999 1987	89	167	124	223	115	263	170	108
1982	146	236	121	153	149	185	223	78
$50,000 to $69,999 1987	110	167	104	70	157	152	174	61
1982	125	132	78	179	174	166	206	108
$70,000 to $99,999 1987	78	64	183	73	123	140	152	48
1982	51	108	100	93	112	111	178	109
$100,000 to $199,999 1987	159	100	152	87	135	78	143	86
1982	106	111	185	113	146	174	204	108
$200,000 or more 1987	23	22	19	27	24	22	59	18
1982	60	38	103	11	45	30	53	51
$200,000 to $499,999 1987	22	20	18	27	22	22	58	18
$500,000 or more 1987	1	2	1	-	2	-	1	-
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1987	767	806	660	722	945	1 200	1 334	656
1982	851	825	772	603	1 021	1 278	1 335	811
number, 1987	1 133	1 230	1 039	1 056	1 502	1 606	2 030	1 103
1982	1 320	1 171	1 244	1 114	1 631	1 638	2 111	1 189
Wheel tractors ..... farms, 1987	822	889	684	770	968	1 273	1 362	699
1982	849	996	806	787	1 011	1 301	1 365	829
number, 1987	2 469	2 882	2 529	2 244	3 059	4 003	3 952	2 165
1982	2 314	3 050	2 663	2 190	3 211	4 030	3 842	2 331
Less than 40 horsepower (PTO) ..... farms, 1987	467	452	402	294	455	694	665	357
number, 1987	756	724	625	405	727	1 145	1 171	667
40 horsepower (PTO) or more ..... farms, 1987	721	784	634	734	878	1 005	1 094	621
number, 1987	1 713	2 156	1 904	1 839	2 332	2 858	2 781	1 478
Grain and bean combines[1] ..... farms, 1987	516	568	566	448	451	461	731	363
1982	494	516	615	422	450	428	812	440
number, 1987	563	660	692	459	497	502	805	409
1982	526	541	654	432	463	429	854	472
Cottonpickers and strippers ..... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Mower conditioners ..... farms, 1987	181	289	101	131	364	729	436	225
1982	154	323	120	127	342	749	364	189
number, 1987	196	324	116	136	366	750	480	230
1982	161	342	120	191	357	767	369	225
Pickup balers ..... farms, 1987	265	472	193	211	533	843	531	312
1982	266	478	262	304	519	869	616	385
number, 1987	323	509	223	256	682	1 065	677	351
1982	295	564	264	324	610	1 068	686	483
1987 INVENTORY								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ..... farms	233	193	187	222	266	367	355	184
number	263	207	200	229	286	370	367	221
Wheel tractors ..... farms	105	53	115	88	175	98	136	63
number	186	112	203	176	219	116	183	82
Less than 40 horsepower (PTO) ..... farms	29	2	22	16	9	13	41	24
number	30	(D)	38	23	13	13	46	29
40 horsepower (PTO) or more ..... farms	99	52	114	80	167	87	98	41
number	158	(D)	167	153	206	103	137	53
Grain and bean combines ..... farms	61	55	108	56	55	51	77	28
number	61	55	109	56	56	51	77	29
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	28	24	12	9	50	119	75	41
number	40	24	12	9	50	119	75	41
Pickup balers ..... farms	28	30	4	8	25	82	66	51
number	28	31	4	8	25	82	66	51
Manufactured prior to 1983:								
Motortrucks, including pickups ..... farms	626	695	568	573	802	980	1 162	543
number	870	1 026	839	827	1 216	1 238	1 663	882
Wheel tractors ..... farms	806	878	651	733	928	1 244	1 328	697
number	2 281	2 770	2 326	2 066	2 840	3 887	3 769	2 083
Less than 40 horsepower (PTO) ..... farms	454	450	383	278	453	681	862	347
number	726	(D)	589	382	714	1 132	1 125	658
40 horsepower (PTO) or more ..... farms	692	782	595	702	817	985	1 072	611
number	1 555	(D)	1 737	1 686	2 126	2 755	2 644	1 425
Grain and bean combines ..... farms	467	525	460	390	397	410	655	337
number	502	605	583	401	441	451	728	380
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	153	276	89	124	314	612	362	186
number	156	300	104	127	338	631	385	189
Pickup balers ..... farms	266	451	189	208	526	796	480	262
number	295	478	219	248	657	963	611	300

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment .... farms, 1987	1 346	1 161	1 028	1 717	981	1 681	622	691
1982	1 506	1 307	1 193	1 885	1 060	1 803	690	769
$1,000, 1987	68 203	62 586	54 470	121 897	38 831	76 811	40 995	18 453
1982	71 909	73 980	77 826	152 500	51 150	90 602	48 325	23 622
Average per farm .... dollars, 1987	50 671	53 907	52 967	70 994	39 583	45 693	65 908	26 704
1982	47 685	56 603	65 236	80 902	48 255	50 251	70 036	30 718
Farms by value group:								
$1 to $9,999 1987	258	209	175	230	296	359	110	194
1982	371	223	195	190	208	460	97	229
$10,000 to $19,999 1987	242	132	160	130	149	335	47	220
1982	206	148	165	115	190	310	60	132
$20,000 to $29,999 1987	157	165	79	154	118	184	84	87
1982	273	200	137	188	115	207	55	128
$30,000 to $49,999 1987	204	178	171	270	144	230	69	70
1982	189	207	119	255	210	274	128	102
$50,000 to $69,999 1987	112	166	182	246	101	218	75	53
1982	129	132	158	286	90	179	85	71
$70,000 to $99,999 1987	153	97	86	225	56	138	80	33
1982	102	128	102	260	112	111	97	70
$100,000 to $199,999 1987	182	162	148	322	96	165	119	32
1982	174	217	242	445	93	167	127	27
$200,000 or more 1987	38	52	27	139	21	52	38	2
1982	62	52	75	146	42	95	41	10
$200,000 to $499,999 1987	37	51	26	138	21	49	33	2
$500,000 or more 1987	1	1	1	1	-	3	5	-
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups .... farms, 1987	1 102	1 048	927	1 511	866	1 475	566	624
1982	1 273	1 157	1 023	1 675	980	1 599	615	687
number, 1987	1 675	1 608	1 396	2 247	1 442	2 266	993	905
1982	1 786	1 536	1 480	2 466	1 669	2 349	906	918
Wheel tractors .... farms, 1987	1 284	1 051	928	1 607	939	1 585	567	635
1982	1 294	1 206	1 053	1 700	975	1 658	591	646
number, 1987	3 885	3 658	2 836	5 505	2 703	4 814	1 820	1 512
1982	3 801	4 010	3 002	5 676	2 821	4 602	1 713	1 634
Less than 40 horsepower (PTO) .... farms, 1987	737	548	414	779	477	905	284	335
number, 1987	1 089	910	662	1 292	766	1 533	488	524
40 horsepower (PTO) or more .... farms, 1987	1 126	946	822	1 530	799	1 297	480	517
number, 1987	2 796	2 748	2 174	4 213	1 937	3 281	1 332	988
Grain and bean combines[1] .... farms, 1987	578	543	560	1 146	446	700	387	204
1982	544	517	595	1 322	494	644	421	203
number, 1987	638	554	579	1 245	486	721	425	214
1982	553	528	637	1 410	516	669	435	221
Cottonpickers and strippers .... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Mower conditioners .... farms, 1987	432	443	289	253	336	562	175	287
1982	364	442	276	325	315	383	142	216
number, 1987	451	465	307	309	345	597	182	297
1982	383	456	285	356	316	388	142	223
Pickup balers .... farms, 1987	600	600	351	481	435	732	171	309
1982	651	643	466	539	471	678	256	257
number, 1987	726	710	398	492	537	823	182	382
1982	730	691	585	569	486	720	268	291
1987 INVENTORY								
Manufactured 1983 to 1987:								
Motortrucks, including pickups .... farms	266	353	252	416	214	408	237	141
number	291	393	292	440	244	424	257	142
Wheel tractors .... farms	176	127	169	283	110	145	83	58
number	287	202	226	370	127	179	100	63
Less than 40 horsepower (PTO) .... farms	61	30	42	37	34	43	19	29
number	71	31	66	42	34	43	19	29
40 horsepower (PTO) or more .... farms	146	102	133	254	78	113	67	30
number	216	171	160	328	93	136	81	34
Grain and bean combines .... farms	50	59	112	149	47	100	59	15
number	51	59	113	151	47	100	61	(D)
Cottonpickers and strippers .... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners .... farms	75	70	52	32	38	58	40	36
number	75	74	52	32	38	58	40	36
Pickup balers .... farms	63	60	12	29	41	60	26	8
number	63	60	13	29	41	60	28	8
Manufactured prior to 1983:								
Motortrucks, including pickups .... farms	970	822	767	1 250	767	1 267	465	537
number	1 384	1 215	1 104	1 807	1 198	1 842	736	763
Wheel tractors .... farms	1 256	1 026	907	1 567	923	1 535	537	623
number	3 598	3 456	2 610	5 135	2 576	4 635	1 720	1 449
Less than 40 horsepower (PTO) .... farms	693	520	390	754	453	868	268	306
number	1 018	879	596	1 250	732	1 490	469	495
40 horsepower (PTO) or more .... farms	1 090	927	812	1 510	797	1 244	464	506
number	2 580	2 577	2 014	3 885	1 844	3 145	1 251	954
Grain and bean combines .... farms	536	485	449	998	402	601	333	190
number	587	495	466	1 094	439	621	364	(D)
Cottonpickers and strippers .... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners .... farms	358	377	237	221	298	505	135	253
number	376	391	255	277	307	539	142	261
Pickup balers .... farms	583	554	343	452	424	704	150	308
number	663	650	385	463	496	763	154	374

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ....farms, 1987..	1 225	1 052	1 193	1 116	1 072	640	930	853
1982..	1 391	1 140	1 265	1 224	1 201	679	1 005	933
$1,000, 1987..	65 086	38 946	57 260	40 245	54 737	36 469	51 787	54 130
1982..	75 189	48 661	78 792	51 955	69 001	42 987	65 523	56 169
Average per farm ....dollars, 1987..	53 131	37 021	47 997	36 062	51 061	56 982	55 685	63 458
1982..	54 054	42 685	62 286	42 447	57 453	63 310	65 197	60 203
Farms by value group:								
$1 to $9,999 ....1987..	148	348	204	322	247	73	137	143
1982..	202	263	180	306	275	128	161	144
$10,000 to $19,999 ....1987..	192	226	234	240	145	124	76	126
1982..	193	164	151	199	146	69	133	166
$20,000 to $29,999 ....1987..	121	121	170	146	150	65	138	81
1982..	153	180	119	166	95	60	72	121
$30,000 to $49,999 ....1987..	281	79	149	126	102	109	182	140
1982..	235	165	269	139	152	47	141	116
$50,000 to $69,999 ....1987..	182	75	138	133	114	61	112	97
1982..	156	139	155	143	174	78	125	79
$70,000 to $99,999 ....1987..	101	77	142	56	135	47	113	83
1982..	190	84	141	100	120	150	140	96
$100,000 to $199,999 ....1987..	156	121	118	70	153	138	145	128
1982..	244	106	181	125	197	116	183	170
$200,000 or more ....1987..	44	5	38	23	26	23	27	55
1982..	18	37	69	25	41	31	50	41
$200,000 to $499,999 ....1987..	43	4	37	23	25	23	26	54
$500,000 or more ....1987..	1	1	1	-	1	-	1	1
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ....farms, 1987..	1 119	965	1 062	992	956	584	797	779
1982..	1 230	972	1 136	1 063	1 058	611	840	830
number, 1987..	1 491	1 300	1 511	1 380	1 700	978	1 319	1 528
1982..	1 562	1 404	1 626	1 508	1 823	983	1 333	1 258
Wheel tractors ....farms, 1987..	1 124	915	1 126	996	1 003	581	870	759
1982..	1 207	980	1 132	1 065	1 027	620	940	821
number, 1987..	3 782	2 230	3 289	2 588	3 140	1 836	3 080	2 558
1982..	3 596	2 471	3 103	2 670	2 998	1 790	3 153	2 495
Less than 40 horsepower (PTO) ....farms, 1987..	458	440	558	507	533	244	530	366
number, 1987..	782	607	837	677	792	367	930	692
40 horsepower (PTO) or more ....farms, 1987..	1 091	736	976	838	893	550	789	669
number, 1987..	3 000	1 623	2 452	1 911	2 348	1 469	2 150	1 866
Grain and bean combines[1] ....farms, 1987..	746	466	676	501	541	353	513	513
1982..	630	435	657	505	564	367	523	492
number, 1987..	783	493	742	522	573	405	535	562
1982..	654	439	702	513	606	370	524	505
Cottonpickers and strippers ....farms, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-		-
number, 1987..	-	-	-	-	-	-	-	-
1982..	-	-	-	-	-	-	-	-
Mower conditioners ....farms, 1987..	322	356	335	297	264	98	218	179
1982..	266	286	335	392	261	91	174	138
number, 1987..	341	369	352	299	304	99	225	206
1982..	278	304	336	404	263	129	175	175
Pickup balers ....farms, 1987..	517	418	487	477	403	146	334	126
1982..	603	469	412	528	448	203	475	147
number, 1987..	549	487	536	555	473	156	345	135
1982..	609	552	427	590	520	226	497	169
1987 INVENTORY								
Manufactured 1963 to 1987:								
Motortrucks, including pickups ....farms..	282	181	294	187	226	158	197	284
number..	299	192	326	196	249	174	205	303
Wheel tractors ....farms..	189	77	138	79	144	96	74	102
number..	228	87	176	101	158	136	92	142
Less than 40 horsepower (PTO) ....farms..	48	30	20	3	24	17	25	11
number..	52	37	20	6	24	18	26	18
40 horsepower (PTO) or more ....farms..	154	47	120	78	122	87	56	93
number..	176	50	156	95	134	118	66	124
Grain and bean combines ....farms..	68	42	68	62	78	60	38	42
number..	68	42	68	62	78	60	39	44
Cottonpickers and strippers ....farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Mower conditioners ....farms..	31	74	37	29	37	35	41	29
number..	31	74	37	29	37	35	41	30
Pickup balers ....farms..	67	73	20	42	34	9	37	17
number..	67	74	20	44	34	9	44	17
Manufactured prior to 1963:								
Motortrucks, including pickups ....farms..	931	778	879	893	872	497	698	655
number..	1 192	1 108	1 185	1 184	1 451	804	1 114	1 225
Wheel tractors ....farms..	1 110	915	1 103	997	966	565	856	751
number..	3 554	2 143	3 113	2 487	2 982	1 700	2 988	2 416
Less than 40 horsepower (PTO) ....farms..	432	425	539	506	509	236	509	357
number..	730	570	817	671	768	349	904	674
40 horsepower (PTO) or more ....farms..	1 077	736	956	837	858	542	781	661
number..	2 824	1 573	2 296	1 816	2 214	1 351	2 084	1 742
Grain and bean combines ....farms..	669	426	612	439	464	302	476	472
number..	715	451	674	460	495	345	496	518
Cottonpickers and strippers ....farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Mower conditioners ....farms..	291	282	298	268	241	64	184	158
number..	310	295	315	270	267	64	184	176
Pickup balers ....farms..	457	385	470	450	383	138	297	111
number..	482	413	516	511	439	147	301	118

See footnotes at end of table.

Table 8. **Machinery and Equipment on Place: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1987	736	701	900	1 233	731	1 008	928	1 734
1982	761	769	1 005	1 332	833	1 057	1 015	1 874
$1,000, 1987	20 373	36 483	44 195	71 770	44 012	42 631	58 826	99 361
1982	25 843	42 080	55 240	81 536	57 953	54 474	75 532	109 995
Average per farm ..... dollars, 1987	27 681	52 044	49 105	58 208	60 207	42 293	63 390	51 535
1982	33 959	54 721	54 965	61 213	69 571	51 536	74 416	58 606
Farms by value group: $1 to $9,999 1987	218	129	296	164	94	202	57	317
1982	217	177	184	152	92	230	93	293
$10,000 to $19,999 1987	160	131	112	170	80	166	138	173
1982	149	94	171	158	99	116	126	233
$20,000 to $29,999 1987	145	64	74	101	79	143	90	246
1982	88	105	103	184	94	166	136	172
$30,000 to $49,999 1987	65	126	100	249	117	216	163	345
1982	149	83	145	220	123	132	99	323
$50,000 to $69,999 1987	80	93	85	199	124	94	157	265
1982	60	76	103	183	119	166	122	229
$70,000 to $99,999 1987	38	45	87	127	109	86	126	150
1982	38	74	110	157	66	92	153	261
$100,000 to $199,999 1987	26	73	105	164	96	82	151	176
1982	52	124	149	222	163	112	222	286
$200,000 or more 1987	4	40	41	59	32	19	46	62
1982	3	36	40	56	77	43	64	77
$200,000 to $499,999 1987	4	40	41	56	32	19	45	52
$500,000 or more 1987	-	-	-	3	-	-	1	10
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1987	626	609	827	1 099	658	931	879	1 553
1982	632	676	935	1 148	750	909	893	1 669
number, 1987	872	899	1 405	1 539	982	1 383	1 220	2 186
1982	863	1 039	1 512	1 437	999	1 357	1 230	2 266
Wheel tractors ..... farms, 1987	655	636	761	1 167	694	970	868	1 652
1982	632	676	918	1 227	694	950	926	1 707
number, 1987	1 609	2 058	2 376	3 846	2 403	2 746	2 953	5 080
1982	1 370	1 891	2 850	3 694	2 160	2 513	2 950	5 382
Less than 40 horsepower (PTO) ..... farms, 1987	219	312	398	574	331	385	440	750
number, 1987	402	507	705	959	555	589	850	1 323
40 horsepower (PTO) or more ..... farms, 1987	583	540	633	1 087	646	875	798	1 434
number, 1987	1 207	1 551	1 671	2 887	1 848	2 157	2 103	3 737
Grain and bean combines[1] ..... farms, 1987	280	325	406	765	474	540	664	867
1982	211	366	493	659	503	527	626	904
number, 1987	309	357	421	906	509	596	712	925
1982	221	386	505	701	515	540	645	982
Cottonpickers and strippers ..... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Mower conditioners ..... farms, 1987	327	158	263	204	173	258	125	286
1982	255	137	244	182	99	201	121	263
number, 1987	327	165	273	216	197	266	133	327
1982	261	139	246	182	99	232	122	299
Pickup balers ..... farms, 1987	450	295	382	355	246	311	228	552
1982	276	262	395	320	230	356	194	661
number, 1987	539	349	428	379	248	384	238	612
1982	302	334	440	324	237	442	201	729
1987 INVENTORY								
Manufactured 1983 to 1987: Motortrucks, including pickups ..... farms	143	152	290	308	135	239	218	431
number	145	179	317	317	141	253	233	484
Wheel tractors ..... farms	22	92	128	109	49	140	110	240
number	23	105	165	135	85	214	167	389
Less than 40 horsepower (PTO) ..... farms	-	32	39	2	18	28	20	82
number	-	32	40	(D)	21	28	20	104
40 horsepower (PTO) or more ..... farms	22	66	99	109	48	138	97	188
number	23	73	125	(D)	64	186	147	285
Grain and bean combines ..... farms	22	47	61	63	45	69	79	129
number	22	47	61	63	46	83	79	130
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	25	12	56	13	3	27	13	38
number	25	12	56	14	3	34	13	47
Pickup balers ..... farms	61	25	40	15	14	17	25	84
number	61	25	41	15	14	19	25	90
Manufactured prior to 1983: Motortrucks, including pickups ..... farms	559	526	686	899	592	803	729	1 284
number	727	720	1 086	1 222	841	1 130	987	1 682
Wheel tractors ..... farms	650	622	737	1 163	684	932	857	1 593
number	1 586	1 953	2 211	3 711	2 318	2 532	2 786	4 671
Less than 40 horsepower (PTO) ..... farms	219	300	376	574	323	369	429	676
number	402	475	665	(D)	534	561	830	1 219
40 horsepower (PTO) or more ..... farms	577	538	616	1 077	627	813	787	1 401
number	1 184	1 478	1 546	(D)	1 784	1 971	1 956	3 452
Grain and bean combines ..... farms	258	287	345	704	435	479	595	740
number	287	310	360	845	463	513	633	795
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	302	152	213	192	170	231	112	248
number	302	153	217	202	194	232	120	280
Pickup balers ..... farms	423	294	344	342	233	300	210	494
number	478	324	387	364	234	365	213	522

See footnotes at end of table.

Table 8. **Machinery and Equipment on Place: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment	farms, 1987	987	1 001	1 651	1 047	701	1 034	973	1 177
	1982	1 105	1 104	1 828	1 152	778	1 146	1 097	1 317
	$1,000, 1987	75 823	48 485	92 996	55 609	28 419	61 003	54 417	61 761
	1982	81 406	51 789	112 390	63 [illegible]72	37 467	75 955	75 119	68 064
Average per farm	dollars, 1987	76 821	48 436	56 327	53 170	40 541	58 987	55 927	52 473
	1982	73 671	46 911	61 482	55 063	48 282	66 278	68 477	51 696
Farms by value group:									
$1 to $9,999	1987	87	283	297	194	175	122	160	141
	1982	104	323	307	161	178	182	159	220
$10,000 to $19,999	1987	70	193	235	156	93	143	104	187
	1982	114	163	246	178	120	129	168	180
$20,000 to $29,999	1987	10[illegible]	65	221	142	90	141	145	115
	1982	60	126	175	121	130	89	103	150
$30,000 to $49,999	1987	118	160	233	135	113	105	112	218
	1982	213	124	212	183	76	165	161	187
$50,000 to $69,999	1987	130	94	134	122	94	217	184	164
	1982	119	111	183	179	76	157	111	197
$70,000 to $99,999	1987	224	35	197	113	81	92	95	157
	1982	180	93	153	126	74	150	94	128
$100,000 to $199,999	1987	154	122	260	131	44	173	132	177
	1982	199	129	352	167	96	208	225	237
$200,000 or more	1987	95	49	74	54	11	41	41	18
	1982	96	35	110	35	26	66	76	18
$200,000 to $499,999	1987	94	46	73	54	11	41	41	18
$500,000 or more	1987	1	3	1	-	-	-	-	-
SELECTED MACHINERY AND EQUIPMENT									
Motortrucks, including pickups	farms, 1987	893	887	1 528	941	611	923	846	1 029
	1982	991	973	1 633	1 059	724	970	1 023	1 168
	number, 1987	1 383	1 442	2 609	1 641	964	1 481	1 373	1 535
	1982	1 378	1 567	2 540	1 678	1 064	1 458	1 626	1 567
Wheel tractors	farms, 1987	950	950	1 531	985	647	997	906	1 076
	1982	960	941	1 664	1 084	731	983	1 030	1 141
	number, 1987	3 269	2 820	4 981	3 036	1 553	3 462	2 939	3 640
	1982	3 024	2 314	4 856	3 064	2 089	3 276	3 216	3 412
Less than 40 horsepower (PTO)	farms, 1987	499	625	741	402	284	490	485	433
	number, 1987	848	1 015	1 365	628	414	766	769	698
40 horsepower (PTO) or more	farms, 1987	847	741	1 316	895	555	886	805	1 042
	number, 1987	2 421	1 805	3 616	2 408	1 139	2 696	2 150	2 942
Grain and bean combines[1]	farms, 1987	695	412	829	568	434	685	542	705
	1982	741	506	895	570	390	565	566	679
	number, 1987	739	484	888	626	486	772	555	738
	1982	819	533	950	613	420	630	589	694
Cottonpickers and strippers	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
	number, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-	-
Mower conditioners	farms, 1987	162	233	418	389	320	203	313	263
	1982	131	157	349	317	218	186	238	237
	number, 1987	185	241	479	405	341	211	325	264
	1982	132	167	383	320	230	194	240	258
Pickup balers	farms, 1987	221	238	600	499	429	378	481	382
	1982	214	239	584	404	333	356	483	495
	number, 1987	224	263	707	598	512	422	536	421
	1982	214	244	669	460	399	382	523	539
1987 INVENTORY									
Manufactured 1983 to 1987:									
Motortrucks, including pickups	farms	228	226	522	244	202	261	287	398
	number	237	250	583	258	208	298	303	424
Wheel tractors	farms	200	112	175	117	65	92	139	130
	number	293	177	253	152	96	133	246	189
Less than 40 horsepower (PTO)	farms	28	53	62	6	10	10	31	31
	number	28	71	75	7	11	17	45	35
40 horsepower (PTO) or more	farms	192	77	134	114	56	84	122	114
	number	265	106	178	145	85	116	200	154
Grain and bean combines	farms	107	55	131	60	57	89	58	103
	number	108	61	131	61	57	89	58	103
Cottonpickers and strippers	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Mower conditioners	farms	1	29	54	44	54	4	50	45
	number	(D)	36	54	44	54	4	51	45
Pickup balers	farms	-	2	91	18	21	45	42	14
	number	-	(D)	91	18	21	45	55	14
Manufactured prior to 1983:									
Motortrucks, including pickups	farms	741	790	1 273	816	512	787	694	766
	number	1 146	1 192	2 026	1 385	756	1 183	1 070	1 111
Wheel tractors	farms	924	926	1 518	973	630	988	873	1 065
	number	2 976	2 643	4 728	2 884	1 457	3 329	2 693	3 451
Less than 40 horsepower (PTO)	farms	479	587	704	399	276	480	466	402
	number	820	944	1 290	621	403	749	743	663
40 horsepower (PTO) or more	farms	806	716	1 303	884	539	875	771	1 031
	number	2 156	1 699	3 438	2 263	1 054	2 580	1 950	2 788
Grain and bean combines	farms	591	359	708	511	379	605	484	603
	number	631	423	757	567	429	683	497	635
Cottonpickers and strippers	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Mower conditioners	farms	161	204	367	345	268	201	263	218
	number	(D)	205	425	361	287	207	274	219
Pickup balers	farms	221	237	545	487	410	340	447	372
	number	224	(D)	616	580	491	377	481	407

See footnotes at end of table.

Table 8. **Machinery and Equipment on Place: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment .... farms, 1987	2 007	1 139	1 393	761	694	775	899	1 304
1982	2 100	1 248	1 508	887	772	883	959	1 384
$1,000, 1987	101 081	57 553	78 233	27 207	21 636	27 555	27 971	41 086
1982	115 766	82 600	93 052	36 258	25 245	35 115	40 547	53 554
Average per farm .... dollars, 1987	50 364	50 530	56 161	35 752	31 176	35 556	31 114	31 507
1982	55 127	66 186	61 706	40 877	32 700	39 786	42 281	38 695
Farms by value group: $1 to $9,999 1987	398	215	223	158	189	202	344	490
1982	327	276	224	190	252	197	257	380
$10,000 to $19,999 1987	290	190	209	122	136	142	183	213
1982	228	158	237	140	149	172	222	321
$20,000 to $29,999 1987	212	209	154	173	74	128	92	214
1982	170	95	190	146	157	113	104	144
$30,000 to $49,999 1987	301	143	223	140	161	151	120	148
1982	402	156	167	170	62	115	138	201
$50,000 to $69,999 1987	241	119	158	53	41	59	36	91
1982	375	131	189	88	67	132	49	133
$70,000 to $99,999 1987	236	110	182	55	36	23	73	35
1982	232	106	170	73	8	76	80	79
$100,000 to $199,999 1987	291	98	179	54	52	42	56	91
1982	305	250	250	65	56	66	79	118
$200,000 or more 1987	38	55	65	6	5	28	13	22
1982	61	74	81	15	21	10	52	28
$200,000 to $499,999 1987	38	54	65	6	5	28	13	21
$500,000 or more 1987	-	1	-	-	-	-	-	1
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups .... farms, 1987	1 767	1 039	1 309	658	635	705	793	1 166
1982	1 779	1 116	1 286	826	660	776	844	1 183
number, 1987	2 436	1 760	2 002	971	1 006	1 062	1 097	1 868
1982	2 283	1 850	1 940	1 157	913	1 100	1 011	1 711
Wheel tractors .... farms, 1987	1 870	1 046	1 292	607	598	717	789	1 119
1982	1 842	1 114	1 402	806	681	773	901	1 160
number, 1987	5 649	3 230	4 190	1 771	1 685	1 974	1 909	2 771
1982	5 314	3 512	4 336	1 911	1 716	1 952	2 097	2 599
Less than 40 horsepower (PTO) .... farms, 1987	730	584	702	242	275	393	423	580
number, 1987	1 086	913	1 069	416	539	657	594	864
40 horsepower (PTO) or more .... farms, 1987	1 707	912	1 096	595	532	586	636	897
number, 1987	4 563	2 317	3 121	1 355	1 146	1 317	1 315	1 907
Grain and bean combines[1] .... farms, 1987	986	606	842	460	257	367	288	536
1982	803	601	766	451	208	418	352	449
number, 1987	1 039	685	901	477	267	412	301	557
1982	829	658	838	461	209	445	375	483
Cottonpickers and strippers .... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Mower conditioners .... farms, 1987	393	182	380	237	188	269	290	416
1982	356	176	359	230	170	210	231	334
number, 1987	420	185	395	283	203	290	310	417
1982	429	176	387	242	191	225	231	380
Pickup balers .... farms, 1987	624	292	652	343	231	415	325	486
1982	717	308	640	400	248	440	305	403
number, 1987	673	310	736	416	356	540	382	606
1982	771	348	718	482	293	546	355	446
1987 INVENTORY								
Manufactured 1983 to 1987: Motortrucks, including pickups .... farms	381	262	359	159	191	116	225	308
number	413	307	413	171	229	133	257	331
Wheel tractors .... farms	306	104	130	68	34	54	112	60
number	348	156	242	71	37	78	149	116
Less than 40 horsepower (PTO) .... farms	23	29	46	-	4	31	27	16
number	24	34	56	-	4	44	28	16
40 horsepower (PTO) or more .... farms	288	90	111	68	31	32	86	57
number	324	122	186	71	33	34	121	100
Grain and bean combines .... farms	93	72	74	37	8	12	33	44
number	93	72	74	37	9	12	33	44
Cottonpickers and strippers .... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners .... farms	41	19	65	29	32	40	45	89
number	44	20	65	29	32	40	45	89
Pickup balers .... farms	40	3	41	25	30	6	41	27
number	41	3	41	25	30	6	41	27
Manufactured prior to 1963: Motortrucks, including pickups .... farms	1 469	908	1 130	540	568	620	648	1 033
number	2 025	1 453	1 589	800	777	929	840	1 537
Wheel tractors .... farms	1 625	1 029	1 260	696	597	703	776	1 103
number	5 301	3 074	3 948	1 700	1 648	1 896	1 760	2 655
Less than 40 horsepower (PTO) .... farms	709	566	656	242	272	370	417	565
number	1 062	879	1 013	416	536	613	566	848
40 horsepower (PTO) or more .... farms	1 662	894	1 062	594	531	578	630	882
number	4 239	2 195	2 935	1 284	1 113	1 283	1 194	1 807
Grain and bean combines .... farms	896	541	778	423	249	356	256	492
number	946	613	827	440	258	400	268	513
Cottonpickers and strippers .... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners .... farms	353	163	315	208	157	229	251	327
number	378	165	330	254	171	240	265	328
Pickup balers .... farms	600	290	630	318	219	410	304	483
number	632	307	695	391	326	534	341	573

See footnotes at end of table.

Table 8. Machinery and Equipment on Place: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

All Farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1987	1 157	734	1 235	742	1 633	1 353	667	882
1982	1 230	824	1 357	847	1 725	1 579	798	1 009
$1,000, 1987	68 353	25 456	87 942	47 026	92 485	68 190	44 355	73 267
1982	74 322	31 898	105 774	54 560	98 798	76 541	56 504	85 982
Average per farm ..... dollars, 1987	59 078	34 681	71 208	63 377	56 635	50 399	66 499	83 069
1982	60 424	38 711	77 947	64 415	57 274	48 474	70 807	85 215
Farms by value group:								
$1 to $9,999 1987	218	192	211	87	219	258	91	89
1982	176	147	202	84	318	427	104	79
$10,000 to $19,999 1987	166	156	136	68	301	214	76	45
1982	168	141	176	57	178	212	77	86
$20,000 to $29,999 1987	144	116	137	133	227	135	98	90
1982	176	137	125	131	193	216	112	96
$30,000 to $49,999 1987	135	35	174	124	205	256	76	82
1982	186	130	143	119	322	160	118	151
$50,000 to $69,999 1987	88	122	116	102	157	119	56	171
1982	104	160	138	184	170	159	96	71
$70,000 to $99,999 1987	131	82	100	83	115	153	87	111
1982	186	61	163	58	168	160	70	177
$100,000 to $199,999 1987	211	45	253	104	371	173	146	218
1982	167	37	276	173	321	202	160	257
$200,000 or more 1987	64	6	108	41	38	45	37	76
1982	67	11	134	41	55	43	61	92
$200,000 to $499,999 1987	64	6	107	40	38	44	37	70
$500,000 or more 1987	-	-	1	1	-	1	-	6
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1987	1 039	659	1 122	679	1 405	1 252	654	796
1982	1 096	757	1 226	735	1 500	1 338	712	915
number, 1987	1 712	1 000	1 940	1 199	1 867	2 021	1 086	1 214
1982	1 601	1 124	1 944	1 150	1 971	2 066	1 163	1 310
Wheel tractors ..... farms, 1987	1 058	668	1 140	719	1 515	1 260	620	829
1982	1 180	714	1 220	761	1 577	1 371	727	915
number, 1987	3 362	1 622	3 617	2 373	4 834	3 935	2 145	2 975
1982	3 359	1 722	3 747	2 273	4 665	3 915	2 308	2 935
Less than 40 horsepower (PTO) ..... farms, 1987	546	312	582	449	746	644	309	531
number, 1987	931	438	919	745	1 239	1 064	507	864
40 horsepower (PTO) or more ..... farms, 1987	920	558	1 020	639	1 389	1 063	553	763
number, 1987	2 431	1 184	2 698	1 628	3 595	2 871	1 638	2 111
Grain and bean combines[1] ..... farms, 1987	648	317	786	433	642	683	403	673
1982	636	341	713	432	624	582	431	653
number, 1987	683	329	871	468	739	791	413	726
1982	656	343	752	444	636	646	449	667
Cottonpickers and strippers ..... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Mower conditioners ..... farms, 1987	216	275	200	118	1 013	310	174	133
1982	228	323	270	125	1 012	203	84	158
number, 1987	219	279	240	136	1 040	329	193	150
1982	229	332	271	133	1 079	239	98	166
Pickup balers ..... farms, 1987	339	353	229	196	1 038	373	312	195
1982	441	417	216	223	1 099	420	266	249
number, 1987	410	408	282	210	1 285	411	333	197
1982	523	466	225	231	1 285	443	278	280
1987 INVENTORY								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ..... farms	364	112	296	191	474	395	174	292
number	428	130	316	195	507	415	183	311
Wheel tractors ..... farms	180	25	149	114	273	129	67	151
number	286	28	185	170	368	181	85	230
Less than 40 horsepower (PTO) ..... farms	46	6	38	32	36	47	15	26
number	47	6	39	47	36	51	15	26
40 horsepower (PTO) or more ..... farms	173	19	125	90	245	94	56	143
number	239	22	146	123	332	130	70	204
Grain and bean combines ..... farms	107	18	105	33	78	91	54	101
number	107	19	110	33	78	94	54	109
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	35	40	16	1	225	51	26	15
number	38	40	24	(D)	226	51	26	15
Pickup balers ..... farms	14	11	1	20	196	19	1	8
number	14	12	(D)	20	211	19	(D)	8
Manufactured prior to 1983:								
Motortrucks, including pickups ..... farms	822	609	986	571	1 030	1 065	595	618
number	1 284	870	1 624	1 004	1 360	1 606	903	903
Wheel tractors ..... farms	1 029	667	1 091	702	1 492	1 197	600	807
number	3 076	1 594	3 432	2 203	4 466	3 754	2 060	2 745
Less than 40 horsepower (PTO) ..... farms	504	312	558	419	736	600	297	512
number	884	432	880	698	1 203	1 013	492	838
40 horsepower (PTO) or more ..... farms	885	557	963	621	1 358	1 037	543	725
number	2 192	1 162	2 552	1 505	3 263	2 741	1 568	1 907
Grain and bean combines ..... farms	541	299	700	403	564	599	349	578
number	576	310	761	435	661	697	359	617
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	179	239	192	117	795	266	148	118
number	181	239	216	(D)	814	278	167	135
Pickup balers ..... farms	335	347	228	189	902	355	311	187
number	396	396	(D)	190	1 074	392	(D)	189

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[1] Data for 1982 include self-propelled only.

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Commercial fertilizer farms, 1987	83 051	809	479	856	497	681	1 165
1982	86 653	740	489	828	572	674	1 250
acres on which used, 1987	13 313 702	141 265	77 509	89 385	57 485	120 361	187 810
1982	14 661 266	129 420	80 777	92 808	49 371	143 064	210 306
Cropland fertilized, except pastureland farms, 1987	81 879	787	479	845	480	661	1 157
1982	85 398	733	463	805	518	680	1 242
acres on which used, 1987	12 882 998	122 895	69 276	85 922	47 017	112 173	186 343
1982	14 181 267	111 154	67 779	89 891	40 598	131 076	206 255
Pastureland and rangeland fertilized farms, 1987	7 286	218	108	73	129	115	41
1982	8 855	227	156	65	117	93	92
acres on which used, 1987	430 704	18 370	8 233	3 463	10 468	8 188	1 467
1982	479 999	18 266	12 998	2 917	8 773	11 968	4 051
Lime farms, 1987	17 823	287	177	276	168	189	323
1982	11 172	151	96	251	100	96	147
acres on which used, 1987	1 219 181	24 147	14 550	13 171	9 267	19 294	24 486
1982	588 678	10 158	5 409	9 784	3 137	4 931	10 260
tons, 1987	2 846 408	37 111	30 219	35 812	23 301	33 871	63 009
1982	1 389 986	19 165	11 855	23 745	6 162	9 056	27 080
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1987	41 361	524	224	664	209	351	629
1982	41 193	486	267	587	204	399	699
acres on which used, 1987	4 910 343	56 019	33 557	51 260	19 513	54 721	77 108
1982	6 062 166	59 631	31 048	59 254	21 242	61 434	93 043
Nematodes in crops farms, 1987	2 548	17	21	16	16	44	25
1982	3 419	34	9	103	1	30	34
acres on which used, 1987	267 277	3 812	1 185	1 213	1 335	4 635	2 574
1982	415 428	5 480	1 390	7 410	(D)	2 564	2 691
Diseases in crops and orchards farms, 1987	1 330	13	-	14	16	22	18
1982	1 331	9	6	7	1	10	30
acres on which used, 1987	112 420	1 586	-	630	44	2 407	1 060
1982	177 125	1 290	360	385	(D)	1 598	1 694
Weeds, grass, or brush in crops and pasture farms, 1987	70 486	671	457	610	409	474	1 009
1982	73 116	626	446	620	381	529	1 066
acres on which used, 1987	14 709 093	132 544	76 358	45 488	41 630	99 970	219 934
1982	16 269 261	138 728	89 380	59 756	43 525	142 738	248 586
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987	1 066	8	1	7	1	8	19
1982	1 726	16	22	37	12	10	4
acres on which used, 1987	120 779	1 040	(D)	140	(D)	3 538	2 205
1982	242 520	628	1 389	2 880	1 544	2 750	256

Chemicals used	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Commercial fertilizer farms, 1987	975	859	872	1 116	931	1 014	859
1982	1 017	851	1 035	1 163	981	1 114	884
acres on which used, 1987	139 343	146 241	126 044	180 933	143 671	160 161	141 597
1982	173 064	151 012	133 464	201 181	163 502	174 724	144 908
Cropland fertilized, except pastureland farms, 1987	971	859	867	1 115	919	1 009	851
1982	1 017	851	1 022	1 142	981	1 101	868
acres on which used, 1987	136 922	145 978	125 774	179 463	142 826	159 030	140 926
1982	171 690	150 860	133 003	198 516	162 379	173 083	141 437
Pastureland and rangeland fertilized farms, 1987	50	13	25	42	15	31	19
1982	65	12	42	77	37	53	56
acres on which used, 1987	2 521	263	270	1 470	845	1 131	671
1982	1 374	132	461	2 665	1 123	1 641	3 471
Lime farms, 1987	198	71	229	288	165	301	63
1982	136	23	234	189	80	138	57
acres on which used, 1987	12 305	6 346	11 704	19 408	10 590	15 223	3 212
1982	7 950	1 355	7 728	8 055	5 175	6 112	3 619
tons, 1987	31 345	13 864	32 951	57 209	15 273	36 159	5 804
1982	18 468	3 086	19 417	22 205	10 365	16 439	3 726
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops farms, 1987	535	167	500	681	274	505	224
1982	420	251	447	530	398	472	178
acres on which used, 1987	55 654	21 545	48 323	85 665	37 895	56 353	30 033
1982	59 634	31 035	54 413	81 442	61 057	64 665	24 941
Nematodes in crops farms, 1987	21	28	34	63	9	9	12
1982	53	20	30	29	15	82	33
acres on which used, 1987	2 140	4 339	2 322	5 466	1 718	1 371	2 606
1982	2 898	1 133	2 459	4 381	2 414	8 572	4 076
Diseases in crops and orchards farms, 1987	8	18	15	28	15	2	13
1982	13	18	25	4	25	-	-
acres on which used, 1987	235	2 129	408	1 432	2 280	(D)	1 780
1982	188	1 755	2 512	1 030	1 910	-	-
Weeds, grass, or brush in crops and pasture farms, 1987	813	745	769	950	830	905	719
1982	935	815	752	966	961	983	880
acres on which used, 1987	166 138	211 341	134 283	162 863	203 984	180 036	199 285
1982	199 979	209 121	130 308	187 697	258 196	185 947	230 048
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987	17	23	-	30	7	7	28
1982	17	42	7	15	35	12	40
acres on which used, 1987	(D)	4 127	-	3 250	3 149	1 722	2 336
1982	1 685	9 154	7	820	5 718	2 642	11 978

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Commercial fertilizer farms, 1987	1 098	732	952	734	923	857	511
1982	1 049	793	1 022	822	907	875	486
acres on which used, 1987	177 756	142 243	183 978	136 159	132 348	139 328	59 747
1982	169 679	161 840	204 672	174 533	135 505	160 969	64 750
Cropland fertilized, except pastureland farms, 1987	1 065	704	950	734	915	857	493
1982	1 042	778	1 021	822	899	854	486
acres on which used, 1987	172 636	128 368	162 610	137 409	130 266	138 068	52 232
1982	165 905	148 010	202 825	173 899	133 255	159 860	61 249
Pastureland and rangeland fertilized farms, 1987	112	172	52	8	31	40	136
1982	100	198	65	17	58	48	45
acres on which used, 1987	4 450	13 875	1 368	760	2 081	1 260	7 515
1982	3 774	13 830	1 847	634	2 250	1 109	3 501
Lime farms, 1987	166	194	206	50	221	310	168
1982	76	97	211	36	70	151	96
acres on which used, 1987	11 844	16 113	17 316	4 278	19 117	22 598	8 310
1982	5 904	5 933	18 281	2 456	3 885	6 138	4 581
tons, 1987	17 761	32 189	42 133	9 960	29 995	62 645	21 835
1982	6 212	11 070	43 655	6 464	6 597	17 336	10 147
Sprays, dusts, granules, fumigants, etc., to control— insects on hay and other crops farms, 1987	490	490	705	352	459	530	210
1982	438	424	753	408	369	484	172
acres on which used, 1987	52 621	61 680	85 317	46 132	53 177	55 892	18 748
1982	60 583	74 748	133 475	75 220	49 758	62 443	27 353
Nematodes in crops farms, 1987	19	15	63	30	10	56	37
1982	35	13	65	36	50	29	7
acres on which used, 1987	1 921	2 447	6 960	1 904	590	4 520	3 486
1982	1 890	1 840	16 232	3 588	3 640	2 132	350
Diseases in crops and orchards farms, 1987	27	5	12	25	29	37	10
1982	21	2	16	3	14	7	1
acres on which used, 1987	2 312	10	(D)	1 684	6 371	2 948	883
1982	1 973	(D)	3 049	1 585	3 781	35	(D)
Weeds, grass, or brush in crops and pasture farms, 1987	884	655	798	675	789	708	425
1982	886	678	843	739	863	740	348
acres on which used, 1987	164 522	147 071	159 712	172 134	166 538	125 012	66 930
1982	183 654	156 403	200 169	226 849	183 250	164 993	53 125
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987	11	16	6	21	2	17	42
1982	14	23	26	9	13	3	8
acres on which used, 1987	1 184	4 201	491	2 864	(D)	1 631	712
1982	3 106	4 644	977	2 077	1 644	1 230	1 856

Chemicals used	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Commercial fertilizer farms, 1987	709	1 304	1 224	1 042	775	663	487
1982	833	1 351	1 287	1 139	809	682	519
acres on which used, 1987	131 096	152 177	200 002	176 011	132 743	83 918	77 252
1982	164 525	186 424	247 403	178 679	147 927	77 602	81 054
Cropland fertilized, except pastureland farms, 1987	700	1 304	1 210	1 004	768	647	460
1982	827	1 317	1 276	1 115	789	658	494
acres on which used, 1987	129 482	159 866	192 278	168 762	131 344	74 932	59 603
1982	161 257	192 435	244 202	168 304	145 644	69 361	65 588
Pastureland and rangeland fertilized farms, 1987	36	55	108	176	38	161	125
1982	66	118	74	249	49	138	129
acres on which used, 1987	1 614	2 311	7 724	7 249	1 399	8 986	17 649
1982	3 268	3 989	3 201	10 375	2 083	8 241	15 466
Lime farms, 1987	125	414	304	171	72	246	169
1982	81	417	262	57	69	156	129
acres on which used, 1987	8 444	18 111	18 589	12 780	6 212	20 445	11 934
1982	3 196	15 805	13 269	4 104	3 652	4 930	6 272
tons, 1987	13 138	53 731	54 240	21 651	11 067	52 769	35 699
1982	6 634	41 010	39 145	8 965	7 752	14 495	17 050
Sprays, dusts, granules, fumigants, etc., to control— insects on hay and other crops farms, 1987	234	897	870	509	282	254	174
1982	274	819	943	588	218	341	235
acres on which used, 1987	26 067	93 208	110 419	62 743	25 202	26 919	18 134
1982	47 228	119 316	173 226	72 725	36 321	43 966	34 551
Nematodes in crops farms, 1987	33	67	35	37	27	9	6
1982	25	92	91	15	1	73	15
acres on which used, 1987	3 147	7 326	2 310	2 685	4 309	1 169	1 061
1982	6 735	11 054	13 892	1 574	(D)	7 292	2 474
Diseases in crops and orchards farms, 1987	1	10	13	19	25	-	21
1982	6	12	29	6	15	6	26
acres on which used, 1987	(D)	190	1 447	751	3 639	-	3 944
1982	18	1 555	7 253	690	(D)	60	3 590
Weeds, grass, or brush in crops and pasture farms, 1987	599	881	904	947	802	550	388
1982	769	867	1 041	943	864	488	424
acres on which used, 1987	174 991	100 811	171 855	170 797	191 817	60 313	66 631
1982	249 175	119 541	201 199	174 861	214 724	83 041	60 431
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987	9	14	2	20	13	8	6
1982	1	20	40	25	7	25	15
acres on which used, 1987	912	462	(D)	4 373	548	(D)	72
1982	(D)	3 618	1 407	5 380	350	666	358

Table 9. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Commercial fertilizer ......farms, 1987	1 209	617	485	1 295	539	1 253	771	827
1982	1 159	594	525	1 322	596	1 343	876	949
acres on which used, 1987	180 421	95 066	85 279	139 482	100 583	199 597	126 585	164 923
1982	206 308	102 246	102 884	147 585	119 550	230 000	161 183	177 188
Cropland fertilized, except pastureland ......farms, 1987	1 203	611	485	1 278	539	1 221	762	827
1982	1 148	577	524	1 290	592	1 325	876	949
acres on which used, 1987	178 422	91 408	84 684	134 939	100 223	196 820	125 989	(D)
1982	204 368	99 704	100 779	143 003	116 737	226 036	160 769	175 735
Pastureland and rangeland fertilized ......farms, 1987	48	69	17	125	5	90	30	3
1982	78	58	35	123	51	102	20	25
acres on which used, 1987	1 999	3 658	595	4 543	380	2 777	596	(D)
1982	1 940	2 542	2 106	4 582	2 813	3 964	394	1 453
Lime ......farms, 1987	416	183	24	525	7	330	122	95
1982	219	133	21	393	22	196	80	68
acres on which used, 1987	23 745	11 047	775	20 019	780	16 115	8 371	8 225
1982	11 182	8 750	1 711	16 548	484	7 921	3 662	5 143
tons, 1987	71 569	28 996	1 307	62 830	1 520	41 684	20 248	22 563
1982	31 801	23 814	2 248	44 215	1 372	21 048	11 825	15 130
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ......farms, 1987	842	357	185	897	142	697	296	329
1982	731	390	125	898	157	679	216	345
acres on which used, 1987	109 821	38 729	16 506	71 310	19 752	87 243	31 262	45 041
1982	116 350	59 196	23 462	85 383	18 268	103 239	43 795	51 599
Nematodes in crops ......farms, 1987	57	23	9	146	7	66	20	12
1982	48	30	1	92	17	84	16	22
acres on which used, 1987	7 172	1 727	36	9 013	1 152	7 310	691	1 813
1982	4 826	1 504	(D)	8 403	1 489	6 687	2 060	2 399
Diseases in crops and orchards ......farms, 1987	2	14	16	39	-	21	6	9
1982	2	10	-	36	8	15	1	7
acres on which used, 1987	(D)	899	16	1 815	-	1 915	337	(D)
1982	(D)	462	-	1 501	240	3 115	(D)	1 235
Weeds, grass, or brush in crops and pasture ......farms, 1987	905	506	437	894	478	930	700	792
1982	809	456	503	942	596	1 018	796	845
acres on which used, 1987	129 452	82 584	114 490	75 498	140 331	162 871	149 641	203 360
1982	141 446	106 430	136 407	89 085	178 320	199 866	197 524	241 093
Chemicals used for defoliation or for growth control of crops or thinning of fruit ......farms, 1987	29	3	1	20	9	13	7	-
1982	26	21	4	36	14	15	1	11
acres on which used, 1987	1 930	(D)	(D)	2 375	923	1 381	1 127	-
1982	3 319	2 399	296	2 815	1 841	1 226	(D)	2 250

Chemicals used	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Commercial fertilizer ......farms, 1987	612	786	879	712	884	902	869	841
1982	600	815	906	744	943	955	915	979
acres on which used, 1987	116 851	156 120	159 353	107 726	166 401	170 668	165 200	177 067
1982	106 382	160 377	160 671	122 404	190 343	173 502	189 383	194 826
Cropland fertilized, except pastureland ......farms, 1987	602	786	879	679	884	890	869	831
1982	575	796	894	710	943	949	905	974
acres on which used, 1987	113 736	154 911	156 852	101 294	165 974	170 242	163 496	169 663
1982	100 910	158 142	159 132	112 885	190 135	172 163	187 461	182 291
Pastureland and rangeland fertilized ......farms, 1987	79	14	69	80	28	20	58	149
1982	143	53	38	159	16	54	53	242
acres on which used, 1987	3 113	1 209	2 501	6 432	427	426	1 702	7 404
1982	5 472	2 235	1 539	9 519	206	1 339	1 922	12 545
Lime ......farms, 1987	67	71	289	234	65	60	148	10
1982	68	37	113	146	24	9	53	25
acres on which used, 1987	4 222	9 711	22 282	18 871	4 753	4 291	10 872	510
1982	5 703	1 756	7 472	6 547	2 360	722	2 868	465
tons, 1987	8 469	19 913	49 076	33 915	9 586	15 343	20 574	900
1982	9 604	3 643	16 196	12 757	3 325	2 136	7 849	378
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ......farms, 1987	276	131	495	190	222	337	378	423
1982	172	157	428	417	165	233	331	532
acres on which used, 1987	39 499	18 568	70 060	20 813	35 562	35 434	49 639	60 737
1982	32 155	26 182	65 602	54 599	34 344	34 764	58 899	79 786
Nematodes in crops ......farms, 1987	12	3	16	-	11	9	19	26
1982	6	9	29	9	22	2	14	11
acres on which used, 1987	1 220	281	7 171	-	244	531	1 980	3 726
1982	696	1 313	2 010	2 061	3 485	(D)	1 049	270
Diseases in crops and orchards ......farms, 1987	13	11	15	19	20	2	14	13
1982	10	2	22	10	2	6	14	12
acres on which used, 1987	971	506	1 810	3 868	2 535	(D)	1 128	578
1982	920	(D)	7 655	4 078	(D)	12	536	587
Weeds, grass, or brush in crops and pasture ......farms, 1987	563	775	788	698	782	819	728	682
1982	568	743	822	653	820	837	851	748
acres on which used, 1987	169 812	227 448	190 282	138 245	209 924	217 512	202 215	190 293
1982	171 568	216 812	197 844	130 155	230 633	221 460	224 751	190 756
Chemicals used for defoliation or for growth control of crops or thinning of fruit ......farms, 1987	2	1	11	3	1	9	3	9
1982	17	8	7	16	19	8	15	-
acres on which used, 1987	(D)	(D)	1 114	(D)	(D)	1 478	(D)	652
1982	4 064	2 773	(D)	5 466	4 821	1 824	2 134	-

Table 9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Commercial fertilizer ....farms, 1987..	719	781	677	647	841	1 057	1 089	566
1982..	732	830	698	704	882	1 086	1 103	634
acres on which used, 1987..	100 145	127 106	127 216	122 373	140 903	117 100	163 343	89 040
1982..	112 849	128 318	147 641	122 332	160 142	136 484	183 706	92 113
Cropland fertilized, except pastureland ....farms, 1987..	705	781	677	646	830	1 046	1 079	586
1982..	732	830	698	696	859	1 067	1 090	634
acres on which used, 1987..	99 267	125 939	127 064	117 567	133 196	109 914	160 755	86 451
1982..	111 215	124 392	(D)	118 567	150 755	128 545	178 450	86 806
Pastureland and rangeland fertilized ....farms, 1987..	31	49	11	51	112	164	84	45
1982..	38	77	1	78	165	139	114	62
acres on which used, 1987..	678	1 167	132	4 606	7 707	7 186	2 566	2 569
1982..	1 634	3 926	(D)	3 765	9 387	7 939	5 256	3 307
Lime ....farms, 1987..	267	230	52	106	230	283	362	226
1982..	167	126	35	93	158	267	223	121
acres on which used, 1987..	19 954	16 782	3 490	8 891	12 821	9 381	25 064	13 066
1982..	8 421	4 963	2 211	5 749	8 529	6 833	12 536	5 895
tons, 1987..	57 796	47 765	5 054	16 806	29 400	29 784	55 367	32 625
1982..	22 065	13 438	4 574	12 675	20 216	21 540	30 581	14 698
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ....farms, 1987..	368	429	230	339	648	648	643	292
1982..	452	294	188	385	518	754	694	245
acres on which used, 1987..	41 844	45 963	33 586	44 132	88 991	58 072	71 378	39 368
1982..	67 592	30 764	25 536	55 209	106 151	90 576	87 202	34 864
Nematodes in crops ....farms, 1987..	18	15	17	35	29	42	32	3
1982..	11	20	7	32	62	61	34	24
acres on which used, 1987..	1 327	977	990	3 888	3 317	4 494	1 686	473
1982..	1 121	860	1 080	5 846	9 254	8 351	5 268	3 100
Diseases in crops and orchards ....farms, 1987..	2	15	11	3	14	9	10	6
1982..	13	12	-	8	17	9	7	32
acres on which used, 1987..	(D)	1 901	707	947	1 090	1 037	395	8
1982..	(D)	497	-	1 790	1 794	986	46	3 656
Weeds, grass, or brush in crops and pasture ....farms, 1987..	560	611	590	575	701	657	965	530
1982..	572	675	635	568	629	723	984	525
acres on which used, 1987..	91 420	122 662	167 969	143 557	118 189	60 396	208 930	103 253
1982..	111 014	133 648	194 915	120 892	139 962	87 659	203 812	105 825
Chemicals used for defoliation or for growth control of crops or thinning of fruit ....farms, 1987..	9	11	24	-	3	15	44	1
1982..	46	14	8	1	41	16	11	19
acres on which used, 1987..	1 504	449	2 215	-	(D)	1 002	5 563	(D)
1982..	1 876	2 031	2 031	(D)	7 799	520	2 346	2 168

Chemicals used	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Commercial fertilizer ....farms, 1987..	1 006	928	825	1 547	787	1 243	563	478
1982..	1 105	1 026	837	1 518	811	1 350	566	431
acres on which used, 1987..	134 854	139 119	141 433	276 070	110 361	169 325	92 709	53 664
1982..	164 196	169 241	146 457	294 024	106 313	183 969	103 373	52 807
Cropland fertilized, except pastureland ....farms, 1987..	992	921	792	1 547	778	1 243	551	462
1982..	1 088	1 021	826	1 518	806	1 344	566	422
acres on which used, 1987..	131 790	136 356	132 000	275 548	107 066	167 835	91 631	41 863
1982..	160 467	164 496	142 885	293 146	103 243	182 190	101 522	44 542
Pastureland and rangeland fertilized ....farms, 1987..	82	69	146	17	69	43	32	93
1982..	117	86	84	20	70	38	55	91
acres on which used, 1987..	3 064	2 763	9 433	522	3 295	1 490	1 078	11 801
1982..	3 729	4 745	3 572	678	3 070	1 779	1 851	8 265
Lime ....farms, 1987..	268	216	237	40	165	226	156	127
1982..	261	169	163	3	170	211	76	53
acres on which used, 1987..	13 760	17 158	20 112	1 740	12 765	14 743	12 753	4 831
1982..	15 231	9 962	13 915	140	6 337	6 974	5 034	1 599
tons, 1987..	34 485	50 652	47 852	4 559	36 296	38 562	29 073	13 168
1982..	41 792	30 374	35 076	395	14 317	19 574	12 923	5 016
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ....farms, 1987..	636	670	528	413	366	679	378	245
1982..	738	715	495	323	368	635	304	214
acres on which used, 1987..	71 873	90 403	85 683	49 815	42 304	71 284	53 625	20 067
1982..	101 413	109 002	83 378	48 823	53 132	85 745	39 351	19 478
Nematodes in crops ....farms, 1987..	36	73	45	3	2	29	29	19
1982..	108	70	65	28	27	59	45	37
acres on which used, 1987..	3 269	6 832	6 127	1 121	(D)	2 563	2 798	1 075
1982..	18 447	7 734	6 785	4 155	2 209	6 648	10 256	3 651
Diseases in crops and orchards ....farms, 1987..	10	14	11	6	7	6	30	7
1982..	48	22	15	14	28	24	20	4
acres on which used, 1987..	333	764	926	98	40	236	3 828	350
1982..	1 885	879	1 633	3 430	2 231	3 597	7 380	772
Weeds, grass, or brush in crops and pasture ....farms, 1987..	801	689	693	1 429	636	1 046	453	339
1982..	785	818	793	1 368	635	1 149	545	337
acres on which used, 1987..	125 588	110 398	143 683	394 042	112 563	158 426	111 687	44 873
1982..	136 392	149 691	159 798	404 199	100 063	203 352	120 472	44 969
Chemicals used for defoliation or for growth control of crops or thinning of fruit ....farms, 1987..	18	35	10	3	16	35	14	1
1982..	26	7	32	20	31	17	21	7
acres on which used, 1987..	1 745	1 037	462	240	1 531	705	483	(D)
1982..	1 410	920	2 423	9 478	4 569	1 005	2 120	14

Table 9. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Commercial fertilizer .... farms, 1987	1 017	674	1 023	840	781	561	663	744
1982	1 061	698	883	761	897	524	792	761
acres on which used, 1987	162 688	87 385	127 438	93 127	141 828	100 172	127 633	182 829
1982	171 432	91 240	135 530	92 854	162 632	109 394	133 096	195 670
Cropland fertilized, except pastureland .... farms, 1987	1 017	648	990	825	785	522	654	744
1982	1 061	674	864	741	891	519	785	760
acres on which used, 1987	160 951	78 062	125 267	87 691	139 140	97 513	127 101	177 493
1982	166 515	79 025	130 666	89 725	158 808	104 380	132 188	187 433
Pastureland and rangeland fertilized .... farms, 1987	50	113	73	99	44	62	23	79
1982	77	135	100	94	59	78	18	93
acres on which used, 1987	1 737	9 303	2 171	5 436	2 666	2 659	532	5 336
1982	4 917	12 215	4 862	3 129	3 624	5 074	910	6 237
Lime .... farms, 1987	81	175	328	239	289	54	138	11
1982	54	98	146	101	93	13	81	7
acres on which used, 1987	6 177	11 230	29 705	15 128	24 432	3 059	7 139	1 710
1982	3 498	2 352	10 060	6 640	7 092	1 029	5 295	936
tons, 1987	11 363	27 281	66 672	35 258	60 136	6 307	21 661	2 505
1982	6 716	5 356	24 259	12 065	17 061	2 391	14 305	1 738
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other crops .... farms, 1987	472	276	517	386	463	266	353	376
1982	378	238	629	386	606	213	339	383
acres on which used, 1987	59 045	23 006	58 820	34 025	64 925	36 494	45 066	66 043
1982	50 822	30 340	78 841	39 482	94 552	47 604	49 362	76 825
Nematodes in crops .... farms, 1987	17	49	34	29	24	20	7	15
1982	11	42	28	36	20	19	44	28
acres on which used, 1987	2 550	3 544	3 567	2 954	1 967	964	2 280	3 901
1982	1 819	3 964	3 646	5 314	2 130	2 880	4 026	5 729
Diseases in crops and orchards .... farms, 1987	13	25	1	1	18	20	17	35
1982	16	2	10	7	19	14	26	1
acres on which used, 1987	661	3 166	(D)	(D)	1 604	1 186	760	1 997
1982	5 400	(D)	2 235	(D)	1 612	4 661	4 072	(D)
Weeds, grass, or brush in crops and pasture .... farms, 1987	840	603	818	664	746	517	630	609
1982	901	662	734	645	741	472	680	615
acres on which used, 1987	178 186	106 497	157 875	99 191	163 851	134 890	146 246	193 925
1982	135 602	115 485	142 671	108 404	182 790	167 304	157 916	191 120
Chemicals used for defoliation or for growth control of crops or thinning of fruit .... farms, 1987	8	-	2	11	2	21	1	9
1982	21	16	9	38	29	11	3	1
acres on which used, 1987	1 028	-	(D)	1 120	(D)	1 749	(D)	360
1982	4 497	606	181	1 419	1 874	4 146	1 402	(D)

Chemicals used	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Commercial fertilizer .... farms, 1987	488	572	671	1 016	639	809	845	1 379
1982	414	514	786	1 039	673	750	805	1 418
acres on which used, 1987	66 927	97 104	108 102	174 268	102 880	117 562	145 989	233 968
1982	44 059	100 118	129 609	165 279	121 640	115 732	148 389	267 285
Cropland fertilized, except pastureland .... farms, 1987	485	553	671	1 012	627	782	845	1 361
1982	376	493	786	1 014	672	717	796	1 398
acres on which used, 1987	54 414	87 877	106 907	174 182	102 182	104 470	144 888	223 827
1982	36 153	91 577	126 484	162 460	121 204	99 993	147 729	256 649
Pastureland and rangeland fertilized .... farms, 1987	95	117	36	6	37	175	56	190
1982	102	134	70	76	20	243	37	212
acres on which used, 1987	12 513	9 227	1 195	86	696	13 092	1 101	10 141
1982	7 906	8 541	3 125	2 819	436	15 739	660	10 436
Lime .... farms, 1987	160	165	124	280	77	201	73	94
1982	69	96	106	113	33	115	12	81
acres on which used, 1987	9 237	15 727	10 535	24 089	10 154	15 801	3 675	6 972
1982	3 268	5 291	5 204	9 749	1 010	6 609	1 059	5 533
tons, 1987	22 922	30 825	25 021	36 465	12 073	31 737	6 355	12 838
1982	6 166	11 216	12 575	17 922	1 376	15 323	1 539	7 765
Sprays, dusts, granules, fumigants, etc., to control— Insects on hay and other crops .... farms, 1987	183	233	449	376	133	348	226	669
1982	178	314	538	310	127	324	252	782
acres on which used, 1987	13 832	34 626	52 035	57 224	17 138	29 675	37 694	86 722
1982	11 597	43 848	74 979	46 403	20 220	34 704	34 217	107 511
Nematodes in crops .... farms, 1987	16	15	33	27	1	8	4	51
1982	37	6	62	10	15	13	10	51
acres on which used, 1987	3 696	1 711	3 824	3 675	(D)	141	1 730	6 078
1982	3 150	1 004	5 715	1 910	1 612	4 661	2 915	8 259
Diseases in crops and orchards .... farms, 1987	-	1	56	28	17	7	6	18
1982	6	16	32	10	1	6	6	26
acres on which used, 1987	-	(D)	3 326	3 613	2 726	852	(D)	543
1982	28	1 266	2 065	(D)	(D)	1 623	3 665	2 762
Weeds, grass, or brush in crops and pasture .... farms, 1987	453	504	546	893	596	796	742	1 191
1982	363	442	554	962	547	659	693	1 240
acres on which used, 1987	52 415	112 813	96 672	212 408	149 156	144 863	186 100	229 404
1982	38 154	122 345	101 251	232 875	151 122	147 961	206 757	264 985
Chemicals used for defoliation or for growth control of crops or thinning of fruit .... farms, 1987	16	3	9	10	17	1	14	17
1982	33	11	35	11	34	-	25	22
acres on which used, 1987	320	(D)	1 435	2 059	1 610	(D)	3 092	3 596
1982	2 067	(D)	1 367	1 447	5 666	-	4 730	3 152

Table 9. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Commercial fertilizer farms, 1987	862	687	1 247	810	515	817	723	989
1982	921	732	1 340	897	569	867	858	1 048
acres on which used, 1987	142 329	105 398	243 740	126 840	80 907	144 090	128 697	181 850
1982	163 919	101 556	278 866	137 863	98 890	177 881	160 686	172 535
Cropland fertilized, except pastureland farms, 1987	857	674	1 204	793	496	810	716	971
1982	921	714	1 322	884	559	867	830	1 034
acres on which used, 1987	142 219	104 961	234 939	120 088	65 769	142 271	126 523	176 577
1982	(D)	100 094	270 904	130 986	81 235	175 308	158 256	165 873
Pastureland and rangeland fertilized farms, 1987	6	27	217	121	153	40	45	133
1982	2	63	233	132	217	62	78	146
acres on which used, 1987	110	437	8 801	8 752	15 138	1 809	2 174	5 273
1982	(D)	1 462	7 962	6 875	17 655	2 573	2 410	6 662
Lime farms, 1987	99	105	116	273	200	125	175	169
1982	34	52	132	141	155	174	125	53
acres on which used, 1987	4 045	8 152	6 846	18 743	13 178	8 730	12 760	15 178
1982	1 140	3 761	9 199	6 445	7 158	11 995	7 528	8 218
tons, 1987	7 265	17 644	12 072	45 351	30 782	13 023	31 800	30 099
1982	2 098	9 445	19 865	15 465	18 113	21 596	17 238	16 449
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1987	186	273	827	450	215	365	576	553
1982	199	221	837	457	310	399	592	611
acres on which used, 1987	23 938	32 429	104 387	41 146	22 955	50 764	73 420	75 970
1982	43 650	25 018	136 012	59 774	38 150	73 824	111 582	82 326
Nematodes in crops farms, 1987	23	35	17	-	8	17	96	36
1982	5	20	46	27	7	22	71	27
acres on which used, 1987	2 640	2 801	3 130	-	1 756	1 718	12 006	5 958
1982	1 013	506	6 990	2 011	1 848	6 354	9 620	5 006
Diseases in crops and orchards farms, 1987	-	23	12	-	1	14	15	1
1982	1	19	20	31	15	13	11	10
acres on which used, 1987	-	2 967	526	-	(D)	2 951	760	(D)
1982	(D)	2 258	4 615	3 872	1 711	4 484	1 840	798
Weeds, grass, or brush in crops and pasture farms, 1987	735	600	1 114	726	394	699	587	870
1982	857	669	1 078	780	469	746	659	777
acres on which used, 1987	207 360	150 632	292 057	146 173	76 073	170 520	113 108	178 499
1982	249 407	157 628	310 986	151 595	78 724	226 065	132 922	146 151
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987	23	9	7	19	16	16	2	3
1982	17	18	18	14	19	14	8	2
acres on which used, 1987	3 778	402	790	4 659	88	3 385	(D)	1 760
1982	2 434	986	4 163	6 160	2 513	42	720	(D)

Chemicals used	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Commercial fertilizer farms, 1987	1 513	846	1 157	580	487	593	580	814
1982	1 512	931	1 142	578	537	627	686	807
acres on which used, 1987	250 375	143 994	169 572	80 240	61 843	68 567	64 030	96 002
1982	256 376	161 609	179 791	78 476	63 096	79 669	85 430	112 425
Cropland fertilized, except pastureland farms, 1987	1 487	845	1 148	573	466	578	547	783
1982	1 505	922	1 118	571	513	615	673	790
acres on which used, 1987	249 310	143 404	166 017	70 468	50 199	63 021	60 770	89 225
1982	252 191	160 459	173 951	67 329	51 057	75 467	81 092	105 495
Pastureland and rangeland fertilized farms, 1987	54	35	66	87	110	104	52	84
1982	67	31	150	138	141	85	78	98
acres on which used, 1987	1 065	590	3 555	9 752	11 644	5 546	3 260	6 777
1982	4 185	1 150	5 840	11 147	12 039	4 202	4 338	6 930
Lime farms, 1987	261	86	267	186	145	249	198	174
1982	115	47	162	78	156	110	146	145
acres on which used, 1987	20 324	7 764	24 781	19 196	6 313	17 452	9 247	9 927
1982	7 721	3 412	9 249	4 185	6 047	3 409	4 990	6 419
tons, 1987	38 696	19 490	54 158	38 288	14 662	51 957	24 925	20 075
1982	13 242	8 759	22 843	8 832	13 530	6 730	13 588	13 369
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1987	943	250	748	248	190	282	224	387
1982	888	250	586	220	292	239	275	487
acres on which used, 1987	117 503	29 600	86 558	27 021	17 603	30 186	23 847	34 057
1982	127 481	39 527	86 410	32 969	22 809	38 630	39 786	66 989
Nematodes in crops farms, 1987	65	2	24	20	5	7	9	29
1982	47	13	68	47	6	27	41	72
acres on which used, 1987	7 738	(D)	1 750	1 285	519	420	368	3 153
1982	8 037	2 015	3 902	4 067	775	2 698	2 272	4 939
Diseases in crops and orchards farms, 1987	29	9	36	-	-	28	-	12
1982	37	6	6	15	22	25	9	25
acres on which used, 1987	1 838	28	1 164	-	-	1 772	-	916
1982	4 320	(D)	858	1 160	858	2 356	1 992	722
Weeds, grass, or brush in crops and pasture farms, 1987	1 240	835	923	528	424	456	451	685
1982	1 234	868	958	574	531	491	639	763
acres on which used, 1987	231 484	207 693	185 828	93 817	78 611	62 777	70 344	102 534
1982	238 926	227 780	205 894	98 433	78 167	84 317	86 613	133 099
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987	7	15	6	-	10	11	5	7
1982	35	13	24	15	8	5	20	40
acres on which used, 1987	2 822	2 633	84	-	388	505	85	14
1982	3 636	3 265	355	1 000	759	2 200	7 594	1 356

Table 9. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982**—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Commercial fertilizer farms, 1987	907	524	1 028	634	1 332	1 024	547	784
1982	889	615	1 056	619	1 337	1 125	619	837
acres on which used, 1987	127 132	70 084	166 178	105 694	152 409	213 612	94 189	160 046
1982	162 664	92 528	168 185	123 939	161 780	259 200	126 261	171 400
Cropland fertilized, except pastureland farms, 1987	906	484	1 020	634	1 283	1 003	541	784
1982	889	587	1 056	619	1 309	1 074	619	837
acres on which used, 1987	123 899	56 591	165 947	(D)	146 824	203 563	93 384	159 741
1982	159 833	82 862	166 093	123 715	156 653	245 986	126 058	171 127
Pastureland and rangeland fertilized farms, 1987	71	156	15	1	149	157	22	13
1932	55	140	8	14	138	244	14	4
acres on which used, 1987	3 233	13 503	231	(D)	5 585	10 049	805	305
1982	3 031	9 766	92	224	3 127	13 214	223	273
Lime farms, 1987	310	191	63	19	436	52	33	12
1982	133	123	32	7	243	31	50	5
acres on which used, 1987	23 354	12 394	5 948	1 442	15 297	6 178	3 845	1 393
1982	8 295	4 585	1 961	416	10 223	2 937	4 705	330
tons, 1987	56 771	31 754	13 301	2 366	45 837	8 920	9 092	2 159
1982	23 304	12 053	3 302	675	21 129	3 726	5 777	800
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1987	565	293	245	153	947	638	225	140
1982	606	303	176	165	945	630	246	139
acres on which used, 1987	68 727	33 486	31 322	16 159	76 911	114 525	19 166	17 854
1982	112 411	49 535	30 736	21 037	110 803	144 247	26 249	22 913
Nematodes in crops farms, 1987	6	28	7	7	57	35	7	14
1982	82	7	8	21	164	22	9	6
acres on which used, 1987	1 578	2 411	91	105	5 037	4 708	592	335
1982	13 504	1 750	632	1 696	18 599	3 468	1 317	430
Diseases in crops and orchards farms, 1987	22	-	20	-	33	3	2	10
1982	41	-	8	8	39	7	12	9
acres on which used, 1987	1 508	-	(D)	-	1 459	1 113	(D)	464
1982	7 933	-	2 062	1 200	3 501	656	1 502	2 890
Weeds, grass, or brush in crops and pasture farms, 1987	729	413	989	574	1 025	942	520	778
1982	767	483	987	612	769	935	589	730
acres on which used, 1987	134 519	62 000	280 739	157 332	99 233	213 291	122 040	242 315
1982	160 224	80 627	296 995	156 517	95 982	248 884	165 714	240 572
Chemicals used for defoliation or for growth control of crops or thinning of fruit farms, 1987	12	13	8	5	22	2	2	-
1982	22	14	5	7	25	6	13	30
acres on which used, 1987	3 475	436	1 403	(D)	1 704	(D)	(D)	-
1982	2 105	504	375	4 256	6 480	790	1 489	4 776

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
FARMS								
Land in farms	farms, 1987	105 180	970	688	1 062	891	851	1 434
	1982	115 413	1 065	737	1 134	900	905	1 585
	acres, 1987	31 638 130	353 365	243 607	321 226	244 661	288 437	419 480
	1982	32 611 964	355 269	254 071	351 756	236 501	283 782	441 810
Harvested cropland	farms, 1987	92 878	859	587	928	761	721	1 276
	1982	103 644	963	662	1 021	794	820	1 434
	acres, 1987	20 484 178	196 940	115 592	140 120	94 539	172 611	301 315
	1982	24 137 670	217 307	142 514	171 287	98 079	207 627	352 554
TENURE OF OPERATOR								
Full owners	farms, 1987	48 228	474	376	613	591	379	576
	1982	52 934	531	367	645	561	434	669
	acres, 1987	7 963 226	94 098	87 212	145 479	108 908	84 802	91 377
	1982	9 348 834	113 020	93 608	164 413	109 707	87 705	122 761
Harvested cropland	farms, 1987	37 835	389	288	490	482	284	445
	1982	43 087	440	303	548	474	361	552
	acres, 1987	4 398 979	45 772	38 470	53 830	36 362	36 778	60 146
	1982	6 133 611	64 574	49 743	70 175	40 844	60 371	92 185
Part owners	farms, 1987	35 207	342	220	303	216	293	482
	1982	38 427	362	236	333	251	282	544
	acres, 1987	17 255 971	210 610	121 802	133 982	108 393	149 891	221 250
	1982	17 113 389	191 977	109 325	144 596	103 339	145 777	234 373
Owned land in farms	acres, 1987	7 087 134	92 972	67 428	83 330	51 341	67 173	88 894
	1982	7 629 254	90 700	57 419	89 120	50 649	69 713	100 975
Rented land in farms	acres, 1987	10 168 837	117 638	54 374	50 652	57 052	82 718	132 356
	1982	9 484 135	101 277	51 906	55 476	52 690	76 064	133 398
Harvested cropland	farms, 1987	34 647	337	215	301	207	282	477
	1982	37 829	355	227	328	242	277	539
	acres, 1987	11 572 966	123 184	60 026	63 740	47 840	99 732	161 777
	1982	13 088 725	119 302	64 377	78 999	46 705	107 041	190 131
Tenants	farms, 1987	21 747	154	92	146	84	179	376
	1982	24 052	172	134	156	88	189	362
	acres, 1987	6 418 933	48 657	34 593	41 765	27 360	53 744	106 853
	1982	6 149 741	50 272	51 138	42 747	23 455	50 300	84 676
Harvested cropland	farms, 1987	20 396	133	84	137	72	155	354
	1982	22 728	168	132	145	78	182	343
	acres, 1987	4 512 233	27 984	17 096	22 550	10 337	36 101	79 392
	1982	4 915 334	33 431	28 394	22 113	10 530	40 215	70 238
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1987	[illegible] 710	723	508	850	661	628	1 081
	1982	87 160	822	557	921	653	680	1 208
Not on farm operated	1987	20 506	204	151	153	178	165	274
	1982	18 304	172	115	131	168	132	240
Not reported	1987	5 965	43	29	59	52	58	79
	1982	9 949	71	65	82	79	93	137
Operators by principal occupation:								
Farming	1987	75 279	713	486	851	530	629	1 007
	1982	86 041	853	590	938	528	730	1 161
Other	1987	29 901	257	202	211	361	222	427
	1982	29 372	212	147	196	372	175	424
Operators by days of work off farm:								
None	1987	51 753	491	301	640	396	443	711
	1982	55 958	556	359	649	354	471	784
Any	1987	46 229	401	323	358	419	345	630
	1982	48 480	412	283	373	461	329	661
1 to 49 days	1987	9 615	101	74	88	50	80	124
	1982	12 927	144	70	126	66	105	171
50 to 99 days	1987	3 489	27	35	22	22	21	34
	1982	3 473	33	33	18	17	35	56
100 to 149 days	1987	3 325	17	27	32	33	31	50
	1982	3 159	22	25	19	32	21	40
150 to 199 days	1987	3 872	37	23	41	50	35	40
	1982	3 681	34	27	40	46	32	48
200 days or more	1987	25 928	219	164	175	264	178	382
	1982	25 240	179	128	170	300	136	346
Not reported	1987	[illegible]8	78	64	64	76	63	93
	1982	1[illegible] 975	97	95	112	85	105	140
Operators by years on present farm:								
2 years or less	1987	5 787	64	26	74	49	43	88
	1982	6 382	47	52	64	49	57	84
3 or 4 years	1987	5 973	46	44	63	41	51	88
	1982	9 [illegible]37	84	45	85	69	64	116
5 to 9 years	1987	1[illegible]	108	92	119	95	111	200
	1982	17 [illegible]	150	109	166	153	122	253
10 years or more	1987	65 721	626	431	653	563	517	896
	1982	63 794	626	409	653	477	514	899
Average years on present farm	1987	19.7	20.5	21.4	19.9	21.3	19.1	18.8
	1982	17.9	18.9	19.3	18.1	17.9	18.0	17.7
Not reported	1987	14 082	126	95	153	143	129	162
	1982	16 279	158	122	166	152	148	233

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
FARMS							
Land in farms farms, 1987	1 269	1 029	1 140	1 332	1 097	1 294	992
1982	1 352	1 153	1 287	1 403	1 185	1 467	1 164
acres, 1987	305 516	336 686	235 086	337 126	358 798	328 114	342 160
1982	308 845	333 139	250 402	335 502	361 120	336 000	351 373
Harvested cropland farms, 1987	1 125	938	985	1 198	996	1 115	927
1982	1 210	1 049	1 156	1 273	1 099	1 290	1 082
acres, 1987	223 324	245 517	168 763	236 312	264 594	229 095	263 491
1982	257 275	275 122	201 291	275 747	309 121	273 765	306 918
TENURE OF OPERATOR							
Full owners farms, 1987	620	402	566	646	360	572	324
1982	678	445	695	691	373	701	363
acres, 1987	64 464	59 502	62 021	93 345	60 645	77 772	48 797
1982	85 216	65 373	85 579	103 935	70 844	104 053	57 271
Harvested cropland farms, 1987	488	328	436	534	275	418	266
1982	552	357	581	576	312	544	298
acres, 1987	44 122	39 557	41 226	61 161	43 811	50 997	35 504
1982	64 526	48 159	65 323	79 473	58 180	79 379	46 016
Part owners farms, 1987	413	415	329	387	427	440	400
1982	426	470	370	443	494	427	436
acres, 1987	179 467	211 067	127 684	178 653	211 328	181 461	203 452
1982	176 953	205 599	124 567	177 336	209 592	161 541	193 562
Owned land in farms acres, 1987	68 018	63 402	53 126	77 314	65 729	73 756	61 059
1982	78 432	79 022	59 243	82 717	76 527	73 928	68 560
Rented land in farms acres, 1987	111 449	147 665	74 558	101 339	145 599	107 705	142 393
1982	98 521	126 577	65 324	94 619	133 065	87 613	125 002
Harvested cropland farms, 1987	410	407	325	382	421	434	398
1982	422	460	363	438	485	424	426
acres, 1987	134 121	156 553	94 288	128 560	154 623	128 386	158 983
1982	152 070	174 090	102 210	150 965	179 871	135 991	170 960
Tenants farms, 1987	236	212	245	299	310	282	268
1982	248	238	222	269	318	339	365
acres, 1987	61 585	66 097	45 381	65 128	86 825	68 881	89 911
1982	46 676	62 167	40 256	54 231	80 684	70 406	100 540
Harvested cropland farms, 1987	227	203	224	282	300	263	263
1982	236	232	212	259	302	322	356
acres, 1987	45 081	49 407	33 249	46 591	66 160	49 712	69 004
1982	40 679	52 873	33 758	45 309	71 070	58 395	89 942
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated 1987	953	774	890	1 007	825	1 022	701
1982	1 026	877	1 046	1 103	888	1 116	817
Not on farm operated 1987	250	221	189	255	215	194	231
1982	209	198	149	205	213	222	217
Not reported 1987	66	34	61	70	57	78	60
1982	117	78	92	95	84	129	130
Operators by principal occupation:							
Farming 1987	742	693	719	968	864	942	794
1982	780	810	851	1 041	965	1 054	936
Other 1987	527	336	421	364	233	352	198
1982	572	343	436	362	220	413	228
Operators by days of work off farm:							
None 1987	512	508	507	617	587	646	483
1982	514	557	530	672	664	674	576
Any 1987	695	477	552	619	439	548	432
1982	752	498	660	619	419	663	452
1 to 49 days 1987	109	96	79	139	136	115	109
1982	112	113	140	146	144	177	160
50 to 99 days 1987	40	28	23	53	34	52	46
1982	33	32	40	42	29	44	42
100 to 149 days 1987	37	35	34	54	29	43	59
1982	42	31	44	41	39	49	34
150 to 199 days 1987	53	40	47	67	35	42	36
1982	55	44	50	64	34	51	31
200 days or more 1987	456	278	369	306	205	296	182
1982	510	278	386	326	173	342	185
Not reported 1987	62	44	81	96	71	100	77
1982	86	98	97	112	102	130	136
Operators by years on present farm:							
2 years or less 1987	76	51	68	95	47	66	50
1982	73	53	83	82	46	82	66
3 or 4 years 1987	77	48	75	91	60	70	64
1982	103	82	105	122	96	135	97
5 to 9 years 1987	174	143	152	167	128	195	137
1982	212	169	219	253	212	226	153
10 years or more 1987	815	675	704	820	737	771	597
1982	772	692	713	749	661	797	633
Average years on present farm 1987	18.8	19.8	17.9	18.4	20.3	19.1	19.5
1982	17.8	19.5	16.4	16.6	18.8	16.9	17.9
Not reported 1987	127	112	141	159	125	192	144
1982	192	157	167	197	170	227	215

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
FARMS								
Land in farms	farms, 1987	1 319	942	1 170	929	1 091	1 054	697
	1982	1 396	1 087	1 323	1 045	1 214	1 180	766
	acres, 1987	366 656	333 083	345 483	317 974	338 706	276 216	229 423
	1982	363 436	345 726	349 453	327 445	340 594	289 542	236 759
Harvested cropland	farms, 1987	1 164	834	1 012	847	979	953	586
	1982	1 248	964	1 172	945	1 095	1 051	677
	acres, 1987	270 392	213 323	230 081	233 423	230 141	187 589	93 996
	1982	300 937	246 427	281 855	281 033	262 179	232 837	114 076
TENURE OF OPERATOR								
Full owners	farms, 1987	519	401	532	335	381	514	395
	1982	573	472	612	423	478	612	447
	acres, 1987	76 074	69 295	81 358	53 103	66 209	88 165	88 448
	1982	101 001	90 141	101 468	75 706	92 670	92 332	94 729
Harvested cropland	farms, 1987	388	309	395	271	294	421	313
	1982	445	371	487	338	378	500	373
	acres, 1987	53 135	40 268	51 254	36 895	42 900	54 792	29 618
	1982	80 284	58 594	77 887	62 410	67 189	68 150	40 070
Part owners	farms, 1987	464	327	380	357	409	349	212
	1982	461	366	426	391	426	363	204
	acres, 1987	193 571	193 527	178 878	185 127	188 545	142 807	115 704
	1982	172 471	186 103	179 781	194 784	173 972	153 397	109 981
Owned land in farms	acres, 1987	79 018	81 864	76 960	64 851	77 352	67 954	58 017
	1982	79 946	76 651	79 960	79 737	77 227	76 328	57 472
Rented land in farms	acres, 1987	114 553	111 663	101 918	120 276	111 193	74 853	57 687
	1982	92 525	109 452	99 821	115 047	96 745	77 069	52 509
Harvested cropland	farms, 1987	459	326	372	355	397	346	204
	1982	459	357	415	389	422	358	200
	acres, 1987	144 287	127 598	117 698	136 787	128 322	100 982	50 435
	1982	144 620	136 465	147 302	168 687	135 943	127 350	56 855
Tenants	farms, 1987	336	214	258	237	301	191	90
	1982	362	249	285	231	310	205	115
	acres, 1987	97 011	70 261	85 247	79 744	83 954	45 244	25 271
	1982	89 964	69 482	68 204	56 953	73 952	43 813	32 049
Harvested cropland	farms, 1987	317	199	245	221	288	186	69
	1982	344	236	270	218	295	193	104
	acres, 1987	72 970	45 457	61 129	59 741	58 919	31 815	13 943
	1982	76 033	51 368	56 666	49 936	59 047	37 337	17 151
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1987	960	674	902	661	829	814	538
	1982	1 044	802	1 025	749	927	885	566
Not on farm operated	1987	264	230	220	212	191	183	122
	1982	217	183	185	194	170	188	144
Not reported	1987	95	38	48	56	71	57	37
	1982	135	102	113	102	117	107	56
Operators by principal occupation:								
Farming	1987	1 056	700	907	650	843	751	480
	1982	1 158	839	1 057	749	1 000	829	523
Other	1987	263	242	263	279	248	303	217
	1982	238	248	266	296	214	351	243
Operators by days of work off farm:								
None	1987	711	502	637	448	589	551	327
	1982	744	564	745	483	640	540	331
Any	1987	532	368	452	424	436	446	317
	1982	496	415	451	466	441	518	367
1 to 49 days	1987	151	88	105	77	106	60	50
	1982	201	114	139	121	138	102	73
50 to 99 days	1987	55	27	36	33	40	40	18
	1982	32	32	30	21	41	37	30
100 to 149 days	1987	40	4	38	33	36	22	14
	1982	36	22	29	38	26	44	23
150 to 199 days	1987	37	23	34	40	26	40	44
	1982	33	32	38	32	25	41	40
200 days or more	1987	249	226	239	241	228	284	191
	1982	194	215	215	254	211	294	201
Not reported	1987	76	72	81	57	66	57	53
	1982	156	108	127	96	133	122	68
Operators by years on present farm:								
2 years or less	1987	74	58	76	64	49	69	41
	1982	84	69	60	46	67	70	54
3 or 4 years	1987	106	56	65	53	78	61	32
	1982	117	83	97	79	89	90	63
5 to 9 years	1987	193	125	136	122	161	123	94
	1982	209	169	191	187	196	189	130
10 years or more	1987	768	594	779	565	663	647	434
	1982	749	595	796	580	663	641	397
Average years on present farm	1987	18.1	19.7	19.8	18.1	19.2	19.2	20.2
	1982	18.2	17.8	18.1	17.3	18.1	17.3	17.1
Not reported	1987	178	109	114	125	140	154	96
	1982	237	171	179	153	199	190	122

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Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
FARMS								
Land in farms	farms, 1987	877	1 705	1 437	1 339	1 081	921	715
	1982	1 045	1 725	1 570	1 511	1 208	954	709
	acres, 1987	315 558	450 742	376 952	406 895	328 319	286 999	278 714
	1982	347 722	447 381	398 082	426 523	346 023	278 852	300 684
Harvested cropland	farms, 1987	795	1 508	1 256	1 128	947	795	581
	1982	857	1 563	1 394	1 349	1 079	847	667
	acres, 1987	229 226	240 158	258 502	264 366	223 550	107 597	97 184
	1982	289 853	264 630	321 273	311 178	272 553	136 324	131 493
TENURE OF OPERATOR								
Full owners	farms, 1987	320	987	646	628	512	627	436
	1982	337	1 010	761	668	517	627	436
	acres, 1987	50 758	191 987	94 570	106 364	69 568	126 970	106 932
	1982	61 672	203 220	116 434	121 798	73 326	128 461	123 249
Harvested cropland	farms, 1987	251	810	493	449	404	523	337
	1982	272	871	804	544	417	535	363
	acres, 1987	33 554	90 543	57 947	62 060	39 205	45 001	31 622
	1982	48 363	109 190	87 179	84 620	49 662	55 413	52 006
Part owners	farms, 1987	347	417	439	411	349	227	192
	1982	400	446	513	475	428	259	220
	acres, 1987	193 250	182 323	195 063	211 150	182 937	124 895	127 774
	1982	200 642	180 565	218 390	215 314	196 901	133 995	139 142
Owned land in farms	acres, 1987	68 187	111 778	85 955	89 431	59 855	62 735	62 713
	1982	74 209	113 192	110 877	101 988	72 103	71 918	69 077
Rented land in farms	acres, 1987	125 063	70 545	109 108	121 719	123 082	62 160	65 061
	1982	126 433	67 373	107 513	113 326	124 798	62 077	70 065
Harvested cropland	farms, 1987	346	413	432	399	342	222	176
	1982	395	439	510	468	419	256	209
	acres, 1987	142 988	102 400	138 230	140 945	128 907	55 833	49 076
	1982	160 543	115 017	180 436	160 435	158 957	72 232	59 768
Tenants	farms, 1987	210	301	352	300	220	67	87
	1982	308	289	296	348	263	68	113
	acres, 1987	71 550	76 452	87 319	89 381	75 814	15 134	44 008
	1982	65 408	63 576	63 236	89 411	75 796	16 396	38 293
Harvested cropland	farms, 1987	198	285	331	280	201	50	68
	1982	290	253	260	337	243	56	95
	acres, 1987	52 884	47 215	62 325	61 361	55 438	6 763	16 486
	1982	71 947	40 423	53 658	66 123	63 714	8 679	19 719
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1987	664	1 350	1 068	1 010	767	751	510
	1982	789	1 419	1 225	1 110	906	759	547
Not on farm operated	1987	174	275	290	249	263	113	173
	1982	185	183	229	243	222	108	148
Not reported	1987	39	80	79	80	51	57	32
	1982	71	123	116	158	80	87	74
Operators by principal occupation:								
Farming	1987	684	1 333	1 002	1 001	645	565	423
	1982	843	1 399	1 168	1 176	761	619	506
Other	1987	193	372	435	338	436	356	292
	1982	202	326	402	335	447	335	263
Operators by days of work off farm:								
None	1987	490	1 045	641	684	422	363	294
	1982	557	1 009	736	703	502	379	313
Any	1987	325	588	703	551	586	486	375
	1982	397	581	699	651	613	494	384
1 to 49 days	1987	90	113	142	114	87	77	58
	1982	131	183	170	203	107	92	69
50 to 99 days	1987	17	36	58	43	36	35	19
	1982	34	42	45	57	45	27	29
100 to 149 days	1987	12	32	57	32	41	41	25
	1982	31	27	51	34	44	35	27
150 to 199 days	1987	26	56	67	30	60	46	36
	1982	20	53	59	39	45	38	32
200 days or more	1987	180	331	379	332	362	287	237
	1982	181	276	374	318	372	299	207
Not reported	1987	62	92	93	104	73	72	46
	1982	91	135	133	157	93	81	72
Operators by years on present farm:								
2 years or less	1987	45	134	103	80	71	60	40
	1982	68	92	96	89	68	66	41
3 or 4 years	1987	41	110	73	86	64	43	46
	1982	82	135	141	123	87	82	4
5 to 9 years	1987	118	218	195	159	123	142	93
	1982	181	230	244	211	251	143	122
10 years or more	1987	558	1 041	888	797	673	550	436
	1982	575	1 028	871	809	647	516	410
Average years on present farm	1987	19.6	18.9	18.4	19.5	19.4	19.4	19.7
	1982	17.7	17.9	17.1	17.6	17.4	17.4	17.5
Not reported	1987	115	202	178	217	150	126	100
	1982	139	240	216	279	155	147	132

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
FARMS								
Land in farms farms, 1987	1 452	753	593	1 689	609	1 510	985	1 012
1982	1 481	815	652	1 708	714	1 641	1 097	1 188
acres, 1987	353 940	210 843	211 002	334 112	227 932	420 682	296 488	346 389
1982	351 861	224 770	227 557	338 912	245 412	437 010	301 722	386 773
Harvested cropland farms, 1987	1 315	688	534	1 469	553	1 353	888	900
1982	1 368	719	598	1 549	665	1 493	1 001	1 065
acres, 1987	242 898	133 157	151 322	306 360	185 983	279 159	215 365	251 619
1982	275 074	160 882	186 783	223 575	207 784	330 393	253 591	309 260
TENURE OF OPERATOR								
Full owners farms, 1987	786	358	216	1 022	174	786	404	356
1982	838	421	214	1 048	228	847	464	445
acres, 1987	141 377	52 715	32 735	157 506	28 799	125 464	58 250	67 333
1982	149 259	71 127	47 083	176 228	45 054	148 252	64 020	86 904
Harvested cropland farms, 1987	651	304	162	826	131	624	321	270
1982	733	336	172	919	190	718	377	366
acres, 1987	95 185	28 078	21 708	93 218	18 462	74 745	38 543	46 859
1982	112 985	45 961	37 025	114 332	37 949	102 427	49 317	73 132
Part owners farms, 1987	362	257	223	369	218	469	389	374
1982	388	267	256	391	264	519	431	424
acres, 1987	143 876	120 998	115 846	120 473	118 891	218 629	187 962	189 224
1982	149 434	126 601	125 900	114 342	130 698	225 835	190 725	197 421
Owned land in farms acres, 1987	78 931	47 523	42 671	72 020	38 765	113 991	72 666	73 139
1982	84 190	51 010	51 452	71 617	49 311	118 969	80 554	88 650
Rented land in farms acres, 1987	64 945	73 475	73 175	48 453	80 126	104 638	115 296	116 085
1982	65 244	75 591	74 448	42 725	81 387	106 866	110 171	108 771
Harvested cropland farms, 1987	360	253	221	362	215	462	382	368
1982	386	262	254	380	259	515	427	422
acres, 1987	98 923	79 515	83 271	74 890	87 783	150 663	138 498	140 340
1982	119 880	91 527	103 812	75 953	108 694	176 072	163 361	167 964
Tenants farms, 1987	324	138	154	298	217	275	192	282
1982	255	127	182	269	222	275	202	299
acres, 1987	68 687	37 130	62 421	56 133	80 242	76 589	50 276	89 832
1982	53 168	27 042	54 594	48 342	69 660	62 923	46 977	79 448
Harvested cropland farms, 1987	304	131	151	281	207	267	185	262
1982	249	122	172	250	216	260	197	277
acres, 1987	48 788	25 564	46 343	38 252	59 718	53 751	38 324	64 420
1982	42 229	22 394	45 946	33 290	61 141	51 894	40 913	68 164
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1987	1 188	539	438	1 371	474	1 213	721	780
1982	1 233	605	488	1 364	514	1 307	850	888
Not on farm operated 1987	192	165	117	231	105	228	197	187
1982	149	145	119	192	125	214	165	169
Not reported 1987	72	49	38	87	30	69	67	45
1982	99	65	45	152	75	120	82	113
Operators by principal occupation:								
Farming 1987	1 213	445	469	1 275	510	1 154	682	812
1982	1 261	524	522	1 324	587	1 288	793	951
Other 1987	239	308	124	414	99	356	303	200
1982	220	291	130	384	127	353	304	217
Operators by days of work off farm:								
None 1987	874	301	299	957	341	853	469	552
1982	868	334	349	891	391	867	501	607
Any 1987	471	397	244	628	222	563	462	393
1982	466	408	248	642	247	613	503	433
1 to 49 days 1987	125	60	71	90	71	129	92	93
1982	150	83	89	138	76	186	134	137
50 to 99 days 1987	36	21	19	38	16	29	35	42
1982	30	21	16	56	19	39	29	31
100 to 149 days 1987	29	17	19	35	21	54	28	38
1982	38	24	21	53	27	44	44	23
150 to 199 days 1987	43	25	23	56	17	51	41	34
1982	35	50	15	66	31	46	53	34
200 days or more 1987	238	274	112	409	97	300	266	186
1982	213	230	105	329	94	298	243	208
Not reported 1987	107	55	50	104	46	94	54	67
1982	147	73	57	175	76	161	93	128
Operators by years on present farm:								
2 years or less 1987	87	31	30	69	34	98	64	50
1982	84	48	42	104	33	79	55	70
3 or 4 years 1987	102	50	55	115	33	84	46	51
1982	122	64	43	145	55	137	79	88
5 to 9 years 1987	203	99	55	252	65	174	127	130
1982	246	119	107	223	132	234	183	177
10 years or more 1987	892	462	373	1 035	393	994	616	664
1982	830	472	357	965	376	948	629	652
Average years on present farm 1987	17.8	20.8	19.8	19.0	18.6	19.7	19.5	20.7
1982	16.3	19.6	18.0	17.5	17.3	17.6	18.2	18.6
Not reported 1987	168	111	80	218	84	160	132	117
1982	199	114	103	271	118	243	151	181

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARMS								
Land in farms, farms, 1987	719	948	1 037	960	1 026	1 052	1 065	1 024
1982	771	1 054	1 135	1 105	1 158	1 176	1 208	1 192
acres, 1987	308 796	353 283	319 657	316 631	347 353	347 774	337 990	387 190
1982	306 786	359 023	320 558	326 495	358 259	351 156	355 823	406 601
Harvested cropland, farms, 1987	636	850	929	830	935	975	944	925
1982	706	956	1 012	964	1 059	1 103	1 071	1 093
acres, 1987	203 010	258 005	243 481	176 254	282 514	259 372	243 566	253 868
1982	221 709	296 927	280 478	212 433	312 961	309 687	295 747	298 908
TENURE OF OPERATOR								
Full owners, farms, 1987	310	320	349	486	343	344	391	467
1982	282	377	416	551	350	397	460	551
acres, 1987	53 496	48 319	44 368	88 365	50 619	55 621	55 770	92 140
1982	63 626	74 530	59 413	93 393	61 254	68 978	73 622	123 446
Harvested cropland, farms, 1987	238	240	258	380	267	278	281	382
1982	229	302	317	447	273	330	349	464
acres, 1987	30 056	34 020	32 677	39 590	35 792	39 146	37 393	54 084
1982	41 776	56 093	50 164	53 088	51 280	59 007	57 396	78 052
Part owners, farms, 1987	258	363	363	303	395	416	416	346
1982	306	406	394	341	460	444	431	374
acres, 1987	176 296	208 841	182 797	172 136	201 018	198 241	198 631	213 773
1982	171 665	208 464	178 378	176 326	205 600	194 070	204 651	194 432
Owned land in farms, acres, 1987	62 812	73 649	63 413	65 632	72 323	68 332	70 002	86 103
1982	66 583	81 169	69 045	78 910	84 043	76 831	89 009	79 622
Rented land in farms, acres, 1987	113 484	135 192	119 384	106 504	128 695	129 909	128 629	127 670
1982	105 082	127 295	109 333	97 416	121 557	117 239	115 642	114 810
Harvested cropland, farms, 1987	253	360	362	293	392	413	411	344
1982	301	399	389	336	453	443	426	372
acres, 1987	118 820	151 792	139 798	102 984	153 533	148 314	143 786	144 696
1982	126 488	175 206	156 883	118 672	179 658	171 873	172 178	149 592
Tenants, farms, 1987	151	265	325	171	288	292	258	211
1982	183	271	325	213	348	335	317	267
acres, 1987	79 004	96 123	92 492	56 130	95 716	93 912	83 589	81 277
1982	71 495	76 029	82 767	56 776	91 405	88 108	77 550	90 723
Harvested cropland, farms, 1987	145	250	309	157	276	284	252	199
1982	176	255	306	201	333	330	296	257
acres, 1987	54 134	72 193	71 006	33 680	73 189	71 912	62 387	55 068
1982	53 445	65 628	73 431	40 673	82 023	78 807	66 173	71 264
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated, 1987	469	636	743	697	724	791	793	720
1982	523	740	871	761	837	898	891	887
Not on farm operated, 1987	209	260	239	206	254	206	223	243
1982	180	233	170	226	220	196	217	189
Not reported, 1987	41	52	55	57	48	55	49	61
1982	68	81	94	118	101	82	100	116
Operators by principal occupation:								
Farming, 1987	559	723	762	656	760	846	799	776
1982	611	816	870	787	947	1 012	902	930
Other, 1987	160	225	275	304	266	206	266	248
1982	160	238	265	318	211	164	306	262
Operators by days of work off farm:								
None, 1987	395	477	498	436	498	533	547	537
1982	414	507	518	504	599	617	603	639
Any, 1987	277	412	474	436	456	445	464	410
1982	281	446	512	497	446	446	521	430
1 to 49 days, 1987	69	123	129	65	119	113	112	106
1982	81	150	170	105	159	214	156	120
50 to 99 days, 1987	26	40	34	38	41	50	34	31
1982	26	36	40	36	37	39	42	39
100 to 149 days, 1987	23	36	36	37	33	28	34	36
1982	14	18	33	40	28	21	34	27
150 to 199 days, 1987	22	25	31	46	30	42	38	34
1982	30	33	20	38	28	27	36	33
200 days or more, 1987	137	188	244	250	233	212	246	203
1982	130	209	249	278	195	145	253	211
Not reported, 1987	47	59	65	88	72	74	54	77
1982	76	101	105	104	113	113	84	123
Operators by years on present farm:								
2 years or less, 1987	35	54	60	57	55	54	59	45
1982	39	57	82	47	64	54	72	63
3 or 4 years, 1987	30	52	52	65	45	58	54	65
1982	57	91	96	96	75	85	97	82
5 to 9 years, 1987	82	115	157	113	139	126	148	133
1982	112	150	162	159	185	159	194	188
10 years or more, 1987	462	606	634	598	653	696	677	630
1982	436	598	641	589	670	729	668	650
Average years on present farm, 1987	21.0	20.7	18.7	20.1	19.4	20.2	20.2	20.4
1982	19.7	19.4	17.4	18.6	19.3	18.7	17.9	18.6
Not reported, 1987	110	121	134	127	134	118	127	151
1982	127	158	154	214	164	149	177	209

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
FARMS									
Land in farms	farms, 1987	893	938	754	787	1 057	1 354	1 465	775
	1982	963	1 055	848	874	1 150	1 422	1 589	894
	acres, 1987	231 617	269 285	275 393	260 103	329 705	345 612	427 196	234 816
	1982	239 403	278 861	275 422	259 676	361 465	347 358	447 362	247 992
Harvested cropland	farms, 1987	771	856	706	687	947	1 160	1 240	685
	1982	867	959	793	772	1 036	1 238	1 403	782
	acres, 1987	138 792	178 288	214 069	176 524	203 549	164 703	276 515	139 236
	1982	170 664	217 734	244 570	201 685	236 744	193 184	324 626	159 843
TENURE OF OPERATOR									
Full owners	farms, 1987	463	501	230	267	526	779	690	440
	1982	474	590	280	347	573	851	720	482
	acres, 1987	72 936	92 186	42 150	52 928	105 337	140 709	99 614	82 201
	1982	69 690	105 149	56 691	72 904	132 060	152 319	112 372	85 892
Harvested cropland	farms, 1987	359	424	188	197	433	610	503	365
	1982	398	499	228	272	484	691	572	390
	acres, 1987	34 934	55 517	32 605	32 498	58 253	61 476	57 944	40 680
	1982	43 306	78 036	46 890	52 847	75 554	79 571	76 749	47 622
Part owners	farms, 1987	286	300	296	296	343	376	490	246
	1982	342	309	312	291	364	359	534	278
	acres, 1987	124 904	137 592	149 753	144 232	177 044	155 425	241 084	126 689
	1982	137 990	134 760	141 370	126 520	178 039	146 937	244 915	128 468
Owned land in farms	acres, 1987	51 389	64 033	50 447	54 610	76 681	80 745	96 033	58 328
	1982	64 462	67 322	52 787	57 034	83 758	82 759	104 223	62 114
Rented land in farms	acres, 1987	73 515	73 559	99 306	89 622	100 363	74 680	145 051	68 361
	1982	73 528	67 438	88 583	69 486	94 281	64 178	140 692	66 354
Harvested cropland	farms, 1987	279	299	294	292	341	363	474	244
	1982	333	306	312	287	356	351	520	273
	acres, 1987	80 444	93 832	115 910	100 604	114 491	75 860	160 156	82 132
	1982	101 342	108 052	126 527	100 563	125 222	85 219	180 569	88 960
Tenants	farms, 1987	144	137	228	224	188	199	285	89
	1982	147	156	256	236	213	212	335	134
	acres, 1987	33 775	39 507	83 490	62 943	47 324	49 478	86 498	25 926
	1982	31 723	38 952	77 361	60 252	51 366	48 102	90 075	33 632
Harvested cropland	farms, 1987	133	133	224	198	173	187	263	76
	1982	136	154	253	213	196	196	311	119
	acres, 1987	23 414	28 939	65 554	43 422	30 805	27 367	58 415	16 424
	1982	26 016	31 646	71 153	48 275	35 968	28 394	67 308	23 261
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1987	640	728	530	563	796	1 068	1 109	567
	1982	737	837	622	622	890	1 110	1 203	675
Not on farm operated	1987	196	168	173	165	202	207	292	153
	1982	150	138	154	157	169	195	237	148
Not reported	1987	57	42	51	59	59	79	64	55
	1982	76	80	72	95	91	117	149	71
Operators by principal occupation:									
Farming	1987	569	733	587	612	796	909	985	524
	1982	661	847	684	719	861	1 030	1 157	591
Other	1987	324	205	167	175	261	445	480	251
	1982	302	208	164	155	289	392	432	303
Operators by days of work off farm:									
None	1987	366	484	374	434	554	670	675	351
	1982	435	590	410	453	582	668	754	363
Any	1987	460	381	307	309	435	606	700	375
	1982	445	375	368	307	473	645	697	470
1 to 49 days	1987	73	95	68	87	88	90	139	74
	1982	83	91	119	113	110	151	187	94
50 to 99 days	1987	34	26	38	38	30	25	59	21
	1982	27	42	55	29	31	47	38	35
100 to 149 days	1987	24	45	25	19	35	45	38	24
	1982	40	35	27	24	30	49	48	24
150 to 199 days	1987	47	24	17	25	35	62	36	31
	1982	36	42	14	16	32	72	38	40
200 days or more	1987	282	191	158	160	247	386	428	225
	1982	259	165	153	125	270	326	386	277
Not reported	1987	67	63	73	44	68	76	90	49
	1982	83	90	70	114	95	109	138	61
Operators by years on present farm:									
2 years or less	1987	29	55	31	56	48	110	68	37
	1982	31	52	44	48	64	99	90	48
3 or 4 years	1987	60	45	27	63	48	64	69	31
	1982	78	79	54	88	98	138	106	72
5 to 9 years	1987	107	122	108	106	135	196	198	83
	1982	156	170	122	123	164	226	216	148
10 years or more	1987	566	594	491	445	687	791	931	510
	1982	563	603	492	444	664	732	908	461
Average years on present farm	1987	20.4	20.2	20.3	17.9	20.7	18.4	20.5	21.2
	1982	19.0	18.0	19.3	17.4	18.9	16.4	18.5	17.6
Not reported	1987	131	122	97	117	139	193	199	114
	1982	135	151	136	171	160	227	269	165

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARMS								
Land in farms .... farms, 1987	1 356	1 161	1 036	1 718	989	1 690	634	890
1982	1 506	1 307	1 193	1 885	1 060	1 810	699	769
acres, 1987	305 634	322 206	343 164	599 153	266 090	356 000	198 855	206 519
1982	328 240	336 524	350 893	611 460	266 741	368 525	208 670	219 497
Harvested cropland .... farms, 1987	1 178	1 023	892	1 601	882	1 502	571	568
1982	1 329	1 176	1 065	1 760	939	1 614	630	656
acres, 1987	198 971	194 982	198 455	459 047	149 934	242 679	130 805	77 713
1982	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
TENURE OF OPERATOR								
Full owners .... farms, 1987	732	595	510	502	578	955	282	419
1982	803	665	581	592	601	1 019	304	484
acres, 1987	92 289	104 854	99 430	93 344	91 635	104 956	50 896	76 786
1982	106 282	122 214	116 033	128 967	99 954	117 246	57 599	95 404
Harvested cropland .... farms, 1987	573	478	386	401	482	707	231	317
1982	655	560	471	482	500	849	246	393
acres, 1987	52 515	57 303	48 479	69 118	40 924	62 940	30 258	23 286
1982	71 320	77 379	66 074	108 430	53 911	82 321	38 183	35 743
Part owners .... farms, 1987	402	346	372	704	318	478	235	189
1982	459	372	395	714	328	503	251	219
acres, 1987	163 775	161 199	200 960	357 463	152 661	192 614	114 853	104 864
1982	172 460	154 456	178 681	328 752	141 734	187 740	110 640	104 206
Owned land in farms .... acres, 1987	73 858	81 666	98 147	133 624	75 051	84 684	52 003	53 122
1982	81 148	80 102	88 758	125 210	74 209	90 799	50 014	57 933
Rented land in farms .... acres, 1987	89 917	79 533	102 813	223 839	77 610	107 930	62 850	51 742
1982	91 312	74 354	89 923	203 542	67 525	96 941	60 626	46 273
Harvested cropland .... farms, 1987	397	342	364	700	314	466	229	184
1982	451	367	388	712	319	490	245	210
acres, 1987	112 771	100 757	120 923	274 813	94 342	137 322	77 634	44 501
1982	129 716	111 446	121 336	290 929	95 729	149 797	86 175	48 967
Tenants .... farms, 1987	222	220	154	512	93	257	117	82
1982	246	270	217	579	131	288	144	86
acres, 1987	49 570	56 153	42 774	148 346	21 794	58 430	33 106	24 867
1982	49 498	59 854	55 979	153 761	25 053	63 539	40 431	19 887
Harvested cropland .... farms, 1987	208	203	142	500	86	239	111	67
1982	223	249	206	566	120	275	137	53
acres, 1987	33 685	36 922	29 053	115 116	14 668	42 417	22 913	9 926
1982	36 866	44 322	40 499	138 180	17 860	54 079	30 487	9 907
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1987	1 027	895	775	1 297	765	1 300	486	526
1982	1 162	1 013	847	1 414	798	1 422	521	600
Not on farm operated 1987	243	221	177	340	172	318	123	128
1982	225	200	215	306	164	255	113	100
Not reported 1987	86	45	84	81	52	72	45	36
1982	121	94	131	165	98	133	65	69
Operators by principal occupation:								
Farming 1987	887	843	755	1 409	565	979	462	421
1982	1 015	967	909	1 607	625	1 044	517	463
Other 1987	469	318	281	309	424	711	172	269
1982	493	340	284	278	435	766	182	306
Operators by days of work off farm:								
None 1987	607	611	547	912	422	683	314	292
1982	652	661	602	1 019	448	711	351	309
Any 1987	678	486	393	687	513	906	267	344
1982	725	548	448	667	548	979	283	384
1 to 49 days 1987	115	87	79	202	59	120	55	51
1982	158	146	113	262	81	136	61	56
50 to 99 days 1987	45	46	36	76	21	57	23	15
1982	34	32	39	64	24	59	24	17
100 to 149 days 1987	39	26	21	71	34	59	17	25
1982	35	29	30	43	36	55	16	29
150 to 199 days 1987	55	39	38	67	42	55	26	27
1982	54	39	33	55	31	65	27	38
200 days or more 1987	424	288	219	271	357	615	146	226
1982	444	302	233	243	376	664	155	244
Not reported 1987	71	64	96	119	54	101	53	54
1982	131	98	143	199	64	120	65	76
Operators by years on present farm:								
2 years or less 1987	62	63	52	79	30	92	28	28
1982	57	78	72	74	43	100	43	37
3 or 4 years 1987	73	64	46	81	45	101	26	36
1982	122	132	75	143	76	142	55	67
5 to 9 years 1987	163	144	115	213	139	215	79	68
1982	249	196	192	282	155	298	97	122
10 years or more 1987	870	765	657	1 133	636	1 066	398	458
1982	826	726	646	1 080	596	1 005	386	415
Average years on present farm 1987	20.4	19.6	20.6	20.0	21.3	19.4	20.8	20.9
1982	18.8	17.2	18.2	18.2	18.8	17.5	18.5	18.0
Not reported 1987	188	125	166	212	139	216	103	100
1982	252	175	208	306	190	265	118	128

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
FARMS									
Land in farms	farms, 1987	1 234	1 059	1 193	1 131	1 073	641	939	654
	1982	1 391	1 154	1 265	1 231	1 201	684	1 011	933
	acres, 1987	342 938	293 643	328 093	279 315	330 012	245 380	270 582	377 030
	1982	357 493	313 648	336 033	292 414	337 775	254 238	273 000	378 621
Harvested cropland	farms, 1987	1 078	904	1 052	972	929	577	818	783
	1982	1 239	993	1 122	1 069	1 060	623	913	859
	acres, 1987	249 352	137 088	211 100	154 503	217 817	169 179	192 403	242 081
	1982	294 295	162 609	237 089	170 985	265 098	194 842	226 560	282 767
TENURE OF OPERATOR									
Full owners	farms, 1987	411	617	592	615	466	292	438	347
	1982	512	610	593	659	523	302	470	334
	acres, 1987	61 300	87 061	96 197	89 676	68 742	53 401	69 381	73 600
	1982	86 796	86 173	97 531	88 392	81 666	66 765	86 594	62 295
Harvested cropland	farms, 1987	278	488	466	501	349	237	328	280
	1982	391	486	477	518	424	253	381	276
	acres, 1987	40 394	34 664	54 216	41 720	37 262	34 577	46 123	39 628
	1982	68 595	39 846	65 271	44 672	60 132	43 523	67 663	54 108
Part owners	farms, 1987	493	310	361	333	384	215	330	282
	1982	504	363	427	390	403	231	338	336
	acres, 1987	195 288	164 311	166 930	145 031	198 857	135 958	157 619	201 168
	1982	189 614	179 390	174 811	153 779	188 868	133 123	139 131	206 761
Owned land in farms	acres, 1987	70 592	77 044	74 859	65 613	70 399	47 547	66 163	63 478
	1982	76 941	89 744	84 502	72 832	79 233	45 024	67 672	84 073
Rented land in farms	acres, 1987	124 696	87 267	92 071	79 418	128 458	88 411	91 656	137 690
	1982	112 673	89 646	90 309	80 947	109 635	88 099	71 459	124 688
Harvested cropland	farms, 1987	487	301	375	318	380	209	328	282
	1982	496	351	420	361	394	225	337	334
	acres, 1987	144 715	79 162	110 875	83 306	137 048	94 274	114 962	130 889
	1982	158 297	95 078	125 799	91 714	151 804	105 827	117 829	157 958
Tenants	farms, 1987	330	132	220	183	223	134	171	225
	1982	375	181	245	182	275	151	203	263
	acres, 1987	86 350	42 271	64 966	44 606	62 413	56 021	43 382	102 262
	1982	80 881	46 085	63 691	50 243	67 241	54 350	47 275	87 565
Harvested cropland	farms, 1987	313	115	211	153	200	131	162	221
	1982	352	156	225	170	242	145	195	249
	acres, 1987	64 243	23 222	46 009	29 477	43 507	40 328	31 318	71 364
	1982	67 403	27 665	46 019	34 599	53 162	45 492	41 068	70 611
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1987	946	747	903	843	811	458	713	554
	1982	1 053	826	963	918	915	506	769	615
Not on farm operated	1987	200	244	199	203	207	135	172	249
	1982	178	237	183	194	198	108	144	242
Not reported	1987	88	68	91	85	55	48	54	51
	1982	160	91	119	119	88	70	98	76
Operators by principal occupation:									
Farming	1987	1 000	615	881	672	763	469	676	655
	1982	1 166	682	1 006	772	833	505	805	759
Other	1987	234	444	312	459	310	172	263	199
	1982	225	472	259	459	368	179	206	174
Operators by days of work off farm:									
None	1987	692	423	568	483	529	320	471	428
	1982	746	442	645	527	513	325	519	484
Any	1987	458	568	512	592	482	272	417	363
	1982	495	632	465	598	586	278	379	351
1 to 49 days	1987	121	92	117	85	110	59	107	105
	1982	207	117	133	98	158	69	115	125
50 to 99 days	1987	43	32	46	27	36	15	37	39
	1982	38	40	47	30	24	16	33	34
100 to 149 days	1987	29	32	33	36	29	25	21	18
	1982	29	37	24	30	34	19	26	26
150 to 199 days	1987	49	48	43	51	44	12	38	43
	1982	28	48	32	45	42	20	38	31
200 days or more	1987	216	364	273	393	263	161	214	158
	1982	193	390	229	395	326	154	167	135
Not reported	1987	84	68	113	56	62	49	51	63
	1982	150	80	155	106	102	81	113	98
Operators by years on present farm:									
2 years or less	1987	68	61	68	68	56	21	50	47
	1982	111	71	55	74	60	45	56	60
3 or 4 years	1987	78	64	49	66	54	40	45	56
	1982	119	109	117	68	101	51	93	47
5 to 9 years	1987	161	147	154	134	137	88	143	90
	1982	176	219	175	199	154	105	164	136
10 years or more	1987	736	646	766	683	689	392	564	537
	1982	702	586	720	648	727	385	523	538
Average years on present farm	1987	18.7	18.7	20.4	19.7	20.8	20.0	19.0	20.7
	1982	16.6	16.6	18.5	17.8	18.9	17.6	17.4	18.4
Not reported	1987	191	141	156	180	137	100	137	124
	1982	283	169	198	222	159	118	175	152

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
FARMS								
Land in farms farms, 1987	736	701	901	1 232	731	1 015	934	1 740
1982	761	789	1 005	1 337	833	1 057	1 015	1 874
acres, 1987	225 145	247 891	233 026	362 209	230 671	337 772	343 857	521 469
1982	222 200	253 540	238 127	362 863	248 057	333 108	345 327	518 018
Harvested cropland farms, 1987	634	627	801	1 104	676	908	867	1 545
1982	667	689	899	1 200	758	961	956	1 691
acres, 1987	75 582	160 388	153 624	269 638	178 191	202 414	251 951	359 863
1982	87 094	181 743	176 723	311 705	213 158	221 793	300 211	409 614
TENURE OF OPERATOR								
Full owners farms, 1987	488	330	423	380	194	496	302	658
1982	491	348	493	442	258	473	322	711
acres, 1987	102 704	63 834	60 521	51 793	27 502	87 944	60 651	113 862
1982	110 876	67 983	77 780	72 213	48 476	91 836	68 425	133 872
Harvested cropland farms, 1987	397	270	339	276	147	404	245	493
1982	410	278	408	322	190	393	275	558
acres, 1987	29 574	37 425	35 246	36 571	20 666	46 969	42 113	66 729
1982	37 326	44 387	50 405	59 313	41 282	57 201	58 445	97 228
Part owners farms, 1987	184	226	309	508	332	349	359	665
1982	210	255	319	554	347	368	395	688
acres, 1987	103 297	128 503	129 656	220 083	150 303	184 582	189 867	293 119
1982	99 970	130 295	119 351	210 826	144 101	177 095	188 902	273 998
Owned land in farms acres, 1987	59 758	53 207	56 041	79 665	49 252	81 222	68 058	114 172
1982	57 574	59 449	57 873	79 990	54 843	76 824	72 870	114 422
Rented land in farms acres, 1987	43 539	75 296	73 615	140 418	101 051	103 360	121 809	178 947
1982	42 396	70 846	61 478	130 836	89 258	100 271	116 032	159 576
Harvested cropland farms, 1987	182	223	302	506	329	342	357	658
1982	203	249	313	544	346	362	392	679
acres, 1987	38 563	84 335	87 954	164 086	116 258	115 030	138 816	208 532
1982	44 159	94 560	92 330	183 313	124 588	120 065	163 973	222 749
Tenants farms, 1987	64	145	169	344	205	170	273	417
1982	60	166	193	341	228	216	298	475
acres, 1987	19 144	55 554	42 849	90 333	52 866	65 246	93 339	114 488
1982	11 354	55 262	40 996	79 824	53 480	64 127	88 000	110 148
Harvested cropland farms, 1987	55	134	160	322	200	162	265	394
1982	54	162	178	334	222	206	289	454
acres, 1987	7 445	38 628	30 424	68 981	41 267	40 415	71 022	84 602
1982	5 609	42 796	33 988	69 079	47 288	44 527	77 793	89 637
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1987	521	510	689	920	579	730	664	1 358
1982	583	576	753	1 026	631	788	749	1 428
Not on farm operated 1987	150	156	169	239	117	230	206	272
1982	105	122	158	200	132	184	183	247
Not reported 1987	65	35	43	73	35	55	64	110
1982	73	71	94	111	70	85	83	199
Operators by principal occupation:								
Farming 1987	427	529	546	977	581	699	729	1 320
1982	457	599	651	1 121	709	790	867	1 507
Other 1987	309	172	355	255	150	316	205	420
1982	304	170	354	216	124	267	148	367
Operators by days of work off farm:								
None 1987	328	349	366	645	389	460	485	900
1982	295	376	448	719	453	508	547	1 034
Any 1987	344	302	480	498	294	494	381	706
1982	397	303	472	494	297	452	358	633
1 to 49 days 1987	33	83	56	146	78	104	115	167
1982	56	113	77	192	104	133	153	191
50 to 99 days 1987	21	23	33	61	31	34	58	50
1982	32	29	22	46	31	35	37	57
100 to 149 days 1987	28	24	19	42	26	38	25	47
1982	22	19	27	37	29	24	27	27
150 to 199 days 1987	24	28	35	33	31	46	22	72
1982	24	19	35	28	22	23	26	36
200 days or more 1987	238	144	337	216	128	272	161	370
1982	263	123	311	191	111	237	115	322
Not reported 1987	64	50	55	89	48	61	68	134
1982	69	90	85	124	83	97	110	207
Operators by years on present farm:								
2 years or less 1987	47	41	46	70	37	35	53	98
1982	39	29	49	79	71	62	52	95
3 or 4 years 1987	39	21	56	69	49	66	42	103
1982	56	65	74	96	61	60	70	139
5 to 9 years 1987	70	94	122	172	135	119	140	225
1982	104	127	161	199	135	168	150	302
10 years or more 1987	445	469	563	765	426	669	583	1 056
1982	425	434	543	767	427	621	592	964
Average years on present farm 1987	20.9	20.6	19.1	19.6	17.5	20.9	19.8	18.7
1982	18.5	18.7	18.1	18.4	16.7	19.2	18.8	17.5
Not reported 1987	135	76	114	156	84	126	116	256
1982	137	120	178	194	139	146	151	374

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
FARMS									
Land in farms	farms, 1987	987	1 001	1 652	1 047	701	1 035	973	1 177
	1982	1 105	1 110	1 828	1 152	776	1 146	1 097	1 317
	acres, 1987	349 376	238 256	543 881	335 448	285 258	359 677	230 461	351 387
	1982	357 387	247 261	555 348	355 718	313 971	359 157	239 166	356 831
Harvested cropland	farms, 1987	929	841	1 429	904	592	945	862	1 035
	1982	1 045	960	1 617	1 029	702	1 044	971	1 165
	acres, 1987	265 872	169 388	379 836	211 734	119 721	258 981	166 611	244 602
	1982	317 426	195 910	432 730	252 702	158 664	301 639	201 814	283 975
TENURE OF OPERATOR									
Full owners	farms, 1987	275	589	713	472	397	364	422	432
	1982	280	585	821	527	400	408	467	553
	acres, 1987	46 288	51 758	105 635	78 426	99 026	59 746	46 776	66 329
	1982	51 270	53 745	132 723	97 000	115 946	66 721	59 190	105 750
Harvested cropland	farms, 1987	225	455	521	355	304	282	320	313
	1982	229	460	641	427	346	327	360	447
	acres, 1987	34 046	30 396	66 733	43 985	38 282	43 140	30 422	42 816
	1982	43 963	35 150	92 807	62 725	55 167	71 439	45 815	78 921
Part owners	farms, 1987	390	264	552	350	196	378	357	407
	1982	469	329	571	383	253	400	382	386
	acres, 1987	199 346	143 867	304 708	189 876	145 896	202 932	140 753	191 417
	1982	205 621	145 626	266 418	200 225	155 172	181 707	135 621	161 466
Owned land in farms	acres, 1987	59 374	41 449	109 010	81 794	66 769	78 612	59 188	79 779
	1982	71 099	48 935	112 682	93 336	75 429	70 588	64 980	77 069
Rented land in farms	acres, 1987	139 972	102 418	195 698	108 082	79 127	124 320	81 565	111 638
	1982	134 522	96 691	173 736	106 889	79 743	111 119	70 641	84 397
Harvested cropland	farms, 1987	389	258	539	341	192	377	353	401
	1982	466	320	555	382	247	400	376	379
	acres, 1987	152 065	107 075	214 865	123 212	63 954	142 770	104 209	133 078
	1982	182 636	119 973	228 307	145 865	80 127	154 206	117 040	129 793
Tenants	farms, 1987	322	138	387	225	108	293	194	338
	1982	356	196	436	242	123	338	248	378
	acres, 1987	103 742	42 631	133 538	67 146	40 336	96 997	42 932	93 641
	1982	100 496	47 890	136 207	58 493	42 853	88 729	44 355	89 615
Harvested cropland	farms, 1987	315	128	369	208	96	286	189	321
	1982	350	180	421	220	109	317	235	359
	acres, 1987	79 761	31 917	98 238	44 537	17 485	73 071	31 980	68 708
	1982	90 807	40 787	111 616	44 112	23 370	75 994	38 959	75 261
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1987	717	703	1 207	780	513	740	749	874
	1982	790	801	1 384	889	576	861	845	961
Not on farm operated	1987	229	223	343	218	136	236	167	224
	1982	222	210	286	181	131	187	162	235
Not reported	1987	41	75	102	49	52	59	57	79
	1982	93	99	158	82	69	98	90	121
Operators by principal occupation:									
Farming	1987	796	520	1 146	764	523	828	636	920
	1982	929	620	1 298	905	598	946	764	1 097
Other	1987	191	481	506	283	178	207	337	257
	1982	176	490	530	247	178	200	333	220
Operators by days of work off farm:									
None	1987	503	350	832	529	364	568	428	823
	1982	593	392	917	604	393	603	490	683
Any	1987	401	579	724	454	270	375	475	470
	1982	417	617	766	441	292	385	508	478
1 to 49 days	1987	121	77	136	103	64	105	74	142
	1982	166	98	173	160	87	141	94	166
50 to 99 days	1987	44	33	65	26	16	34	21	34
	1982	43	43	45	22	22	24	26	47
100 to 149 days	1987	41	39	58	23	11	30	41	43
	1982	20	33	47	21	14	28	37	42
150 to 199 days	1987	46	47	54	39	29	24	32	29
	1982	31	43	68	30	19	34	50	30
200 days or more	1987	149	383	411	263	150	182	307	222
	1982	157	400	433	208	150	158	301	193
Not reported	1987	83	72	96	64	67	92	70	84
	1982	95	101	145	107	91	158	99	156
Operators by years on present farm:									
2 years or less	1987	46	42	83	82	39	57	43	66
	1982	51	63	94	69	45	65	58	74
3 or 4 years	1987	44	62	116	64	27	54	57	71
	1982	91	87	130	75	47	95	98	112
5 to 9 years	1987	136	131	234	135	68	142	150	186
	1982	172	175	275	159	121	164	157	195
10 years or more	1987	638	603	1 000	629	459	638	571	692
	1982	608	584	1 035	680	435	628	614	710
Average years on present farm	1987	19.5	19.3	19.6	19.5	21.7	20.3	19.2	18.7
	1982	18.0	17.8	18.5	18.7	18.8	18.4	17.7	17.6
Not reported	1987	123	163	219	137	108	144	152	162
	1982	183	201	294	169	128	194	170	226

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
FARMS								
Land in farms ......farms, 1987..	2 015	1 138	1 404	774	693	783	899	1 310
1982..	2 100	1 248	1 508	890	772	883	959	1 394
acres, 1987..	472 363	327 081	417 178	291 057	233 595	244 939	211 685	303 783
1982..	469 990	338 392	419 586	292 301	235 561	270 672	222 717	320 840
Harvested cropland ......farms, 1987..	1 667	1 001	1 238	690	597	699	788	1 104
1982..	1 816	1 113	1 350	800	683	801	862	1 188
acres, 1987..	352 858	242 426	274 884	141 043	101 216	108 140	116 921	155 858
1982..	406 510	289 259	309 403	165 144	121 953	132 063	131 029	181 270
TENURE OF OPERATOR								
Full owners ......farms, 1987..	779	478	606	383	403	480	581	838
1982..	835	521	638	458	437	517	576	881
acres, 1987..	86 605	52 204	95 546	101 405	85 466	94 128	75 524	111 745
1982..	123 046	63 267	104 095	103 606	92 851	105 278	80 890	113 444
Harvested cropland ......farms, 1987..	472	366	470	322	324	407	480	677
1982..	597	415	508	381	362	443	487	704
acres, 1987..	59 363	34 541	52 146	42 163	31 661	33 755	30 731	48 707
1982..	100 701	51 178	67 711	54 382	43 004	40 651	37 676	53 608
Part owners ......farms, 1987..	812	407	507	266	205	227	225	322
1982..	815	446	540	281	239	276	295	351
acres, 1987..	290 584	202 959	242 399	148 571	117 992	129 970	103 488	147 982
1982..	259 361	203 435	234 886	143 356	116 440	142 324	118 743	162 922
Owned land in farms ......acres, 1987..	106 469	65 046	96 476	68 908	59 346	65 130	48 195	68 738
1982..	108 016	72 691	105 218	67 691	56 935	78 501	58 027	74 788
Rented land in farms ......acres, 1987..	184 115	137 913	145 923	79 663	58 646	64 840	55 293	79 244
1982..	151 345	130 744	129 668	75 665	59 505	63 823	60 716	88 134
Harvested cropland ......farms, 1987..	804	402	501	257	198	226	220	305
1982..	812	439	528	275	229	274	294	342
acres, 1987..	221 605	153 083	165 692	75 463	53 648	63 087	64 283	80 191
1982..	229 232	175 452	178 626	84 255	62 701	76 834	75 268	99 431
Tenants ......farms, 1987..	424	253	291	125	85	76	93	150
1982..	450	281	330	153	96	90	88	162
acres, 1987..	95 174	71 918	79 233	41 081	30 137	20 841	32 673	44 056
1982..	87 583	71 690	80 605	45 339	26 270	23 070	23 084	44 474
Harvested cropland ......farms, 1987..	391	233	267	111	75	66	88	122
1982..	407	259	314	144	92	84	81	142
acres, 1987..	71 890	54 802	57 046	23 417	15 907	11 298	21 907	26 960
1982..	76 577	62 629	63 064	26 507	16 248	14 578	18 085	28 231
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ......1987..	1 500	789	1 078	554	541	580	709	985
1982..	1 546	878	1 163	666	590	660	752	1 051
Not on farm operated ......1987..	343	285	261	184	115	161	142	249
1982..	277	267	227	156	122	146	118	216
Not reported ......1987..	163	64	65	36	37	42	48	76
1982..	277	103	118	68	60	77	89	127
Operators by principal occupation:								
Farming ......1987..	1 490	727	1 022	556	436	478	485	635
1982..	1 685	824	1 177	668	488	610	543	711
Other ......1987..	525	411	382	218	257	305	414	675
1982..	415	424	331	222	284	273	416	683
Operators by days of work off farm:								
None ......1987..	986	505	690	369	291	336	368	466
1982..	1 008	539	741	413	319	377	374	474
Any ......1987..	873	554	629	341	353	404	478	778
1982..	845	599	622	368	395	414	494	833
1 to 49 days ......1987..	189	95	134	67	61	53	47	86
1982..	270	125	178	100	88	69	59	108
50 to 99 days ......1987..	75	26	54	22	21	32	18	29
1982..	63	32	45	27	23	31	25	40
100 to 149 days ......1987..	62	28	57	22	26	40	32	45
1982..	62	24	45	23	20	31	20	43
150 to 199 days ......1987..	71	38	42	27	43	42	28	66
1982..	53	39	37	27	29	42	29	70
200 days or more ......1987..	476	367	342	203	202	237	353	552
1982..	397	379	317	191	235	221	361	572
Not reported ......1987..	156	79	85	64	49	43	53	66
1982..	247	110	145	109	58	92	91	87
Operators by years on present farm:								
2 years or less ......1987..	131	66	69	59	27	43	49	81
1982..	112	62	70	56	45	40	51	95
3 or 4 years ......1987..	129	67	90	41	44	40	45	60
1982..	147	101	122	92	63	80	62	118
5 to 9 years ......1987..	243	143	164	109	84	91	108	160
1982..	317	221	246	167	137	156	133	240
10 years or more ......1987..	1 176	720	910	460	449	522	566	834
1982..	1 086	687	843	445	407	470	550	711
Average years on present farm ......1987..	18.7	19.2	20.3	19.9	20.9	20.4	20.0	18.9
1982..	17.9	17.7	19.0	16.9	17.0	17.8	17.9	16.4
Not reported ......1987..	336	142	171	105	89	87	131	175
1982..	438	177	227	130	120	137	163	230

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
FARMS									
Land in farms	farms, 1987	1 158	743	1 235	742	1 633	1 360	667	882
	1982	1 238	824	1 357	847	1 724	1 579	798	1 009
	acres, 1987	321 504	281 269	416 623	242 430	377 025	451 759	221 678	344 010
	1982	337 850	290 174	419 632	246 550	400 613	478 624	234 314	360 468
Harvested cropland	farms, 1987	1 024	630	1 140	686	1 422	1 162	592	832
	1982	1 098	731	1 251	774	1 562	1 377	714	950
	acres, 1987	206 315	114 904	312 048	177 414	219 642	278 373	157 665	260 638
	1982	247 227	152 831	363 632	211 136	262 028	359 752	199 142	319 992
TENURE OF OPERATOR									
Full owners	farms, 1987	515	405	448	249	928	609	260	268
	1982	586	461	455	328	917	732	303	288
	acres, 1987	85 525	101 381	70 094	41 318	162 657	104 409	40 434	49 295
	1982	100 094	117 836	65 294	55 698	157 537	134 614	45 530	52 045
Harvested cropland	farms, 1987	407	316	368	201	739	453	196	226
	1982	474	380	370	266	772	577	229	236
	acres, 1987	48 993	33 779	45 142	27 881	85 090	55 718	25 022	35 554
	1982	68 204	58 226	51 223	45 396	96 305	89 698	35 391	45 678
Part owners	farms, 1987	392	244	451	314	424	449	283	378
	1982	411	259	555	319	518	490	316	437
	acres, 1987	174 959	139 528	230 002	155 672	155 188	249 818	141 502	214 455
	1982	182 166	133 075	249 998	144 789	182 042	242 459	147 567	219 570
Owned land in farms	acres, 1987	84 550	66 684	64 399	55 722	85 427	100 917	57 537	73 940
	1982	88 546	65 134	87 327	61 114	106 792	105 091	63 041	81 071
Rented land in farms	acres, 1987	90 409	72 844	165 603	99 950	69 761	148 901	83 965	140 515
	1982	93 620	67 941	162 671	83 675	75 250	137 368	84 526	138 499
Harvested cropland	farms, 1987	388	232	442	313	415	441	281	375
	1982	401	257	546	319	510	474	313	437
	acres, 1987	115 101	61 554	175 439	115 319	96 426	155 164	103 228	163 231
	1982	134 280	72 632	219 080	124 669	123 353	187 923	127 261	195 052
Tenants	farms, 1987	251	94	336	179	281	302	124	236
	1982	241	104	347	200	289	357	179	284
	acres, 1987	61 020	40 360	116 527	45 440	59 180	97 532	39 742	80 260
	1982	55 590	39 263	104 340	46 063	61 034	101 551	41 217	88 853
Harvested cropland	farms, 1987	229	82	330	172	268	268	115	231
	1982	223	94	335	189	280	326	172	277
	acres, 1987	42 221	19 571	91 467	34 214	38 126	67 491	29 415	61 853
	1982	44 743	21 973	93 329	41 071	42 370	82 131	36 490	79 262
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1987	873	527	834	560	1 310	996	526	640
	1982	973	616	990	613	1 375	1 128	599	759
Not on farm operated	1987	223	160	329	143	223	280	108	196
	1982	171	137	267	141	209	297	136	183
Not reported	1987	62	56	72	39	100	84	33	46
	1982	94	71	100	93	140	154	63	67
Operators by principal occupation:									
Farming	1987	872	540	902	582	1 265	942	519	701
	1982	921	629	1 072	682	1 394	1 124	620	821
Other	1987	286	203	333	160	368	418	148	181
	1982	317	195	285	165	330	455	178	188
Operators by days of work off farm:									
None	1987	594	324	590	386	939	665	338	454
	1982	612	398	658	418	925	710	381	530
Any	1987	470	328	545	304	586	607	276	382
	1982	513	316	558	325	618	701	338	393
1 to 49 days	1987	90	84	129	73	125	116	68	130
	1982	151	81	171	104	196	162	125	149
50 to 99 days	1987	34	19	57	30	43	48	25	47
	1982	25	24	40	26	48	50	25	39
100 to 149 days	1987	36	26	54	34	41	49	25	31
	1982	33	25	57	25	44	38	18	24
150 to 199 days	1987	44	24	37	26	65	55	21	29
	1982	32	15	43	26	55	50	22	20
200 days or more	1987	266	175	268	141	312	339	137	145
	1982	272	171	247	144	275	401	148	161
Not reported	1987	94	91	100	52	108	88	53	46
	1982	113	110	141	104	181	168	79	86
Operators by years on present farm:									
2 years or less	1987	64	24	55	35	87	67	43	52
	1982	77	63	77	54	111	107	36	38
3 or 4 years	1987	80	46	95	38	82	95	22	39
	1982	74	68	101	47	135	140	47	65
5 to 9 years	1987	164	82	150	103	244	174	62	91
	1982	213	122	193	163	280	267	140	144
10 years or more	1987	691	455	768	473	995	836	465	601
	1982	685	430	781	422	900	789	461	620
Average years on present farm	1987	18.8	21.3	19.4	20.2	19.9	19.5	21.2	21.9
	1982	17.6	17.5	18.7	18.0	17.4	16.6	18.3	19.9
Not reported	1987	159	136	167	93	225	188	75	99
	1982	189	141	205	161	298	276	114	142

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1987	2 852	25	19	10	12	30	48
	1982	5 602	65	47	43	22	63	78
25 to 34 years	1987	17 458	154	99	207	103	164	257
	1982	20 346	171	97	217	139	167	262
35 to 44 years	1987	21 282	188	112	238	128	184	307
	1982	22 548	191	143	230	159	172	355
45 to 54 years	1987	21 744	195	120	223	172	174	321
	1982	26 104	236	147	270	179	207	370
55 to 64 years	1987	25 287	238	179	217	200	193	313
	1982	27 594	258	184	264	249	203	347
55 to 59 years	1987	12 608	108	77	111	91	93	166
60 to 64 years	1987	12 679	130	102	106	109	100	147
65 years and over	1987	16 557	170	159	167	276	106	188
	1982	13 219	144	119	110	152	93	173
65 to 69 years	1987	7 848	79	60	94	126	50	87
70 years and over	1987	8 709	91	99	73	150	56	101
Average age	1987	49.3	50.2	52.1	46.5	54.7	47.5	47.8
	1982	47.6	48.2	49.2	47.0	50.3	46.5	47.1
Operators by sex:								
Male	farms, 1987	101 838	944	661	1 038	836	832	1 392
	1982	112 456	1 038	721	1 111	872	890	1 545
	acres, 1987	31 076 208	349 044	237 759	312 834	233 464	262 868	414 260
	1982	32 157 958	349 013	250 749	344 259	230 752	281 910	437 054
Female	farms, 1987	3 342	26	27	24	55	19	42
	1982	2 957	27	16	23	28	15	40
	acres, 1987	561 922	4 321	5 848	8 392	11 197	5 569	5 220
	1982	454 006	6 256	3 322	7 497	5 749	1 872	4 756
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1987	89 188	816	573	856	782	751	1 199
	1982	97 610	874	646	935	778	807	1 315
	acres, 1987	25 058 946	284 561	187 830	242 400	202 268	222 271	328 942
	1982	25 568 925	277 695	209 290	277 268	191 720	225 800	344 326
Partnership	farms, 1987	11 088	111	95	188	91	85	158
	1982	13 213	160	69	181	101	83	194
	acres, 1987	3 802 372	38 722	42 074	69 209	31 751	39 082	48 644
	1982	4 393 079	55 906	30 736	64 523	32 960	52 364	57 770
Corporation:								
Family held	farms, 1987	4 094	38	18	10	13	8	67
	1982	3 725	27	19	13	14	10	63
	acres, 1987	2 568 304	29 666	(D)	7 954	(D)	4 954	(D)
	1982	2 403 988	(D)	13 438	7 907	8 996	3 706	(D)
Other than family held	farms, 1987	310	-	-	3	1	3	2
	1982	385	1	1	3	4	3	2
	acres, 1987	91 558	-	-	597	(D)	(D)	(D)
	1982	137 860	(D)	(D)	(D)	1 318	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	500	5	2	5	4	4	8
	1982	480	3	2	2	3	2	11
	acres, 1987	116 950	416	(D)	1 066	960	(D)	1 030
	1982	108 112	265	(D)	(D)	1 487	(D)	2 651

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
OPERATOR CHARACTERISTICS—Con.							
Operators by age group:							
Under 25 years 1987	36	17	39	48	22	53	19
1982	68	42	63	90	62	85	63
25 to 34 years 1987	161	155	208	245	208	218	175
1982	197	200	220	300	239	279	241
35 to 44 years 1987	274	222	260	305	234	258	212
1982	288	216	321	269	183	324	185
45 to 54 years 1987	290	192	259	276	195	277	196
1982	325	241	290	294	264	310	285
55 to 64 years 1987	326	277	233	291	283	307	251
1982	327	322	275	310	314	354	279
55 to 59 years 1987	165	135	123	152	153	161	131
60 to 64 years 1987	161	142	110	139	130	146	120
65 years and over 1987	162	166	141	169	155	181	139
1982	147	130	118	140	123	115	111
65 to 69 years 1987	79	85	74	91	92	95	69
70 years and over 1987	83	81	67	78	63	86	70
Average age 1987	48.9	50.0	47.2	47.6	48.6	48.4	48.8
1982	47.9	48.5	46.4	45.9	47.4	46.0	46.7
Operators by sex:							
Male farms, 1987	1 224	1 007	1 106	1 289	1 069	1 266	965
1982	1 318	1 131	1 244	1 369	1 160	1 434	1 131
acres, 1987	300 201	334 577	231 301	331 123	354 845	324 275	338 505
1982	302 704	330 810	245 461	331 692	358 052	329 701	345 592
Female farms, 1987	45	22	34	43	28	28	27
1982	34	22	43	34	25	33	33
acres, 1987	5 315	2 069	3 785	6 003	3 953	3 839	3 655
1982	6 141	2 329	4 941	3 810	3 068	6 299	5 781
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms, 1987	1 063	840	1 014	1 137	909	1 129	851
1982	1 106	973	1 126	1 214	986	1 296	1 025
acres, 1987	224 859	244 112	200 999	271 009	262 863	267 525	289 783
1982	212 877	254 862	206 112	272 532	277 614	274 205	298 847
Partnership farms, 1987	137	85	84	142	125	108	96
1982	157	97	106	146	134	118	112
acres, 1987	29 572	27 332	16 633	38 286	43 728	28 576	32 016
1982	38 352	26 590	19 362	37 654	53 432	29 969	41 997
Corporation:							
Family held farms, 1987	68	90	35	40	52	48	38
1982	76	75	46	36	49	44	18
acres, 1987	48 366	59 910	(D)	25 770	(D)	30 132	(D)
1982	51 168	48 448	23 732	24 531	(D)	29 322	8 527
Other than family held farms, 1987	6	6	1	6	2	6	2
1982	4	4	4	3	2	6	1
acres, 1987	1 614	2 252	(D)	(D)	(D)	1 121	(D)
1982	2 626	1 363	19	53	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. farms, 1987	5	8	6	7	9	3	5
1982	9	4	5	4	14	3	9
acres, 1987	1 105	3 060	1 072	(D)	1 438	760	1 201
1982	3 822	1 876	1 177	732	3 319	(D)	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1987	46	45	31	35	24	41	18
	1982	79	57	59	58	78	62	35
25 to 34 years	1987	293	152	194	165	218	222	84
	1982	284	202	260	187	254	242	105
35 to 44 years	1987	273	190	271	213	217	198	126
	1982	239	195	277	205	182	229	152
45 to 54 years	1987	245	183	238	182	212	196	141
	1982	316	225	283	234	274	275	176
55 to 64 years	1987	314	197	267	238	286	254	163
	1982	345	264	312	264	308	268	188
55 to 59 years	1987	166	87	123	118	138	135	93
60 to 64 years	1987	148	110	144	120	148	119	90
65 years and over	1987	148	175	169	96	134	143	145
	1982	133	144	132	97	118	104	110
65 to 69 years	1987	78	91	76	53	69	55	69
70 years and over	1987	70	84	93	43	65	88	76
Average age	1987	46.7	49.2	48.7	47.4	48.1	47.8	51.9
	1982	46.7	47.6	46.8	46.9	46.5	46.0	49.0
Operators by sex:								
Male	farms, 1987	1 284	920	1 134	908	1 052	1 009	670
	1982	1 357	1 061	1 286	1 025	1 186	1 142	754
	acres, 1987	358 446	329 060	337 022	315 410	330 950	270 397	223 803
	1982	355 598	341 956	343 929	324 220	337 750	285 434	235 231
Female	farms, 1987	35	22	36	21	39	45	27
	1982	39	26	37	20	28	38	12
	acres, 1987	8 210	4 023	8 461	2 564	7 758	5 819	5 620
	1982	7 838	3 770	5 524	3 225	2 844	4 108	1 528
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1987	1 110	807	976	788	927	909	630
	1982	1 192	919	1 086	868	1 045	1 018	670
	acres, 1987	303 309	277 168	259 220	245 055	280 255	229 743	202 375
	1982	298 976	274 867	252 120	249 559	284 521	232 310	[illegible]
Partnership	farms, 1987	131	100	119	75	123	107	48
	1982	133	132	155	113	138	128	78
	acres, 1987	37 057	37 310	41 713	(D)	38 074	25 598	18 711
	1982	36 825	50 958	45 702	39 316	40 136	32 797	37 929
Corporation:								
Family held	farms, 1987	63	21	71	56	36	27	15
	1982	56	26	75	48	24	25	12
	acres, 1987	(D)	14 871	(D)	36 892	19 828	18 576	(D)
	1982	24 916	18 975	51 095	32 865	14 878	17 981	6 555
Other than family held	farms, 1987	4	5	1	8	2	3	1
	1982	9	3	1	7	4	4	3
	acres, 1987	(D)	2 168	(D)	2 123	(D)	1 771	(D)
	1982	1 819	42	(D)	3 159	498	4 676	1 486
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	11	9	3	2	3	8	3
	1982	6	7	6	9	3	5	3
	acres, 1987	1 457	1 568	757	(D)	(D)	528	879
	1982	900	884	(D)	2 546	561	1 778	856

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
OPERATOR CHARACTERISTICS—Con.							
Operators by age group:							
Under 25 years 1987	14	48	59	56	27	22	9
1982	45	82	74	90	48	42	39
25 to 34 years 1987	166	329	258	234	143	146	75
1982	204	340	278	263	188	159	113
35 to 44 years 1987	178	364	307	272	221	165	135
1982	212	352	354	306	240	186	145
45 to 54 years 1987	172	356	337	289	211	202	151
1982	207	399	387	332	259	209	186
55 to 64 years 1987	224	366	312	297	278	193	201
1982	273	367	341	377	300	211	159
55 to 59 years 1987	98	184	168	137	135	97	113
60 to 64 years 1987	126	182	144	160	143	96	88
65 years and over 1987	123	242	164	191	201	193	144
1982	104	185	136	143	173	147	127
65 to 69 years 1987	71	122	85	85	93	71	53
70 years and over 1987	52	120	79	106	108	122	91
Average age 1987	48.7	48.0	47.2	48.2	50.8	50.9	52.7
1982	47.0	46.6	46.4	46.7	49.0	48.6	49.1
Operators by sex:							
Male farms, 1987	842	1 649	1 388	1 299	1 040	885	689
1982	1 011	1 675	1 530	1 481	1 164	931	735
acres, 1987	307 156	441 374	368 825	401 628	323 022	261 697	269 144
1982	340 146	440 616	391 543	421 997	339 866	276 477	295 169
Female farms, 1987	35	56	49	40	41	36	26
1982	34	50	40	30	44	23	34
acres, 1987	8 402	9 368	8 127	5 267	5 297	5 302	9 570
1982	7 576	6 745	6 519	4 526	6 157	2 375	5 515
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms, 1987	749	1 347	1 219	1 179	920	843	627
1982	878	1 411	1 322	1 316	1 027	834	663
acres, 1987	257 320	333 370	299 068	336 224	241 455	224 276	208 375
1982	275 514	346 889	316 003	353 173	260 620	226 440	222 538
Partnership farms, 1987	67	314	136	118	95	63	69
1982	112	282	172	151	124	100	83
acres, 1987	26 146	95 483	37 187	39 794	34 904	31 733	45 933
1982	41 260	84 818	46 948	46 323	41 065	41 735	55 588
Corporation:							
Family held farms, 1987	52	34	72	35	56	10	16
1982	46	24	65	32	49	12	20
acres, 1987	30 376	17 717	39 977	24 695	(D)	10 456	22 078
1982	29 203	12 813	34 062	25 434	40 600	(D)	19 976
Other than family held farms, 1987	4	3	7	3	2	3	2
1982	3	6	6	3	3	1	1
acres, 1987	916	2 868	594	(D)	(D)	(D)	(D)
1982	(D)	(D)	356	51	2 202	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. farms, 1987	5	7	3	4	8	2	1
1982	6	2	5	9	5	7	2
acres, 1987	800	1 284	126	(D)	1 751	(D)	(D)
1982	(D)	(D)	693	1 542	1 336	707	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years 1987	60	30	20	26	14	37	26	27
1982	91	34	33	54	30	90	41	50
25 to 34 years 1987	320	103	94	319	112	253	162	185
1982	309	113	141	292	153	303	209	222
35 to 44 years 1987	286	156	118	369	154	309	195	187
1982	302	145	121	423	144	362	231	222
45 to 54 years 1987	343	155	118	417	104	358	208	210
1982	362	155	145	444	139	385	242	250
55 to 64 years 1987	314	143	151	375	144	358	244	268
1982	317	211	146	320	173	344	256	310
55 to 59 years 1987	166	70	71	215	58	197	135	119
60 to 64 years 1987	148	73	80	160	86	161	109	149
65 years and over 1987	129	166	92	183	81	195	150	135
1982	100	157	64	175	75	157	118	114
65 to 69 years 1987	65	75	41	77	42	88	66	60
70 years and over 1987	64	91	51	106	39	107	84	75
Average age 1987	46.1	50.3	49.3	47.6	48.0	48.6	49.2	49.0
1982	45.3	50.7	46.2	46.7	46.6	46.3	47.4	47.2
Operators by sex:								
Male farms, 1987	1 415	742	571	1 651	594	1 469	951	985
1982	1 455	794	641	1 646	691	1 610	1 071	1 137
acres, 1987	347 292	208 790	208 234	328 982	224 584	413 802	290 612	342 416
1982	349 342	223 004	224 450	332 022	238 972	432 952	297 982	361 657
Female farms, 1987	37	11	22	38	15	41	34	27
1982	26	21	11	62	23	31	26	31
acres, 1987	6 646	2 053	2 768	5 130	3 346	6 880	5 876	3 973
1982	2 519	1 768	3 107	6 890	6 440	4 058	3 740	5 116
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms, 1987	1 221	623	505	1 369	543	1 254	838	855
1982	1 255	663	549	1 436	627	1 381	927	995
acres, 1987	281 081	159 093	164 657	258 134	192 463	319 680	227 706	277 521
1982	280 817	167 509	181 178	270 971	205 998	336 237	227 462	291 424
Partnership farms, 1987	182	63	52	275	45	188	79	92
1982	184	90	72	244	61	198	107	106
acres, 1987	47 894	22 331	21 104	63 599	(D)	57 055	25 206	33 243
1982	49 368	31 859	25 393	55 646	23 488	54 761	32 735	37 262
Corporation:								
Family held farms, 1987	41	62	30	17	18	57	60	55
1982	31	54	26	13	20	53	53	54
acres, 1987	(D)	(D)	23 824	7 720	(D)	41 198	42 264	28 661
1982	19 932	24 539	20 196	5 476	15 425	42 075	39 514	33 115
Other than family held farms, 1987	2	1	-	5	2	4	3	5
1982	2	-	4	6	3	4	4	8
acres, 1987	(D)	(D)	-	3 902	(D)	447	444	1 973
1982	(D)	-	(D)	1 768	137	(D)	1 284	4 011
Other—cooperative, estate or trust, institutional, etc. farms, 1987	6	4	6	3	1	7	5	5
1982	9	8	1	9	3	5	6	5
acres, 1987	1 111	3 145	1 417	757	(D)	2 302	868	4 991
1982	(D)	863	(D)	5 051	364	(D)	727	961

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1987	14	22	26	21	24	31	29	18
	1982	30	43	54	45	40	69	56	62
25 to 34 years	1987	107	165	178	128	192	192	186	169
	1982	121	194	194	189	196	221	210	189
35 to 44 years	1987	131	185	232	200	204	211	214	204
	1982	129	157	259	218	231	221	251	197
45 to 54 years	1987	127	171	248	176	199	237	227	183
	1982	175	227	261	229	255	277	260	265
55 to 64 years	1987	183	258	234	243	263	258	238	244
	1982	205	290	260	257	299	282	303	318
55 to 59 years	1987	79	114	129	113	132	133	123	118
60 to 64 years	1987	104	144	105	130	131	125	115	126
65 years and over	1987	157	147	121	192	144	123	171	206
	1982	111	143	107	167	137	106	128	161
65 to 69 years	1987	76	68	56	80	71	57	93	95
70 years and over	1987	81	79	65	112	73	66	78	111
Average age	1987	51.7	49.7	48.0	51.2	48.6	48.1	48.9	50.7
	1982	49.3	49.0	46.8	48.7	48.4	46.5	47.5	48.8
Operators by sex:									
Male	farms, 1987	683	922	1 021	926	1 000	1 027	1 036	991
	1982	747	1 026	1 112	1 076	1 133	1 157	1 180	1 167
	acres, 1987	303 423	349 799	315 593	310 991	343 184	343 423	332 280	380 850
	1982	303 999	354 200	315 581	319 512	354 538	347 800	347 515	405 453
Female	farms, 1987	36	26	16	34	26	25	29	33
	1982	24	28	23	29	25	19	28	25
	acres, 1987	5 373	3 484	4 064	5 640	4 169	4 351	5 730	6 340
	1982	2 787	4 823	4 977	6 963	3 721	3 356	8 308	3 148
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1987	568	771	846	837	871	890	899	897
	1982	634	873	942	968	996	985	990	1 045
	acres, 1987	233 208	270 859	222 599	260 600	261 336	281 916	267 983	325 244
	1982	233 215	270 522	222 446	268 332	281 309	277 612	263 087	345 173
Partnership	farms, 1987	107	102	105	93	85	112	94	95
	1982	101	106	107	108	109	150	128	112
	acres, 1987	41 731	36 562	30 115	35 460	43 574	40 154	32 749	33 990
	1982	41 618	41 476	29 977	42 363	44 736	48 174	43 422	41 315
Corporation:									
Family held	farms, 1987	35	67	76	22	57	40	63	24
	1982	33	57	72	19	44	33	76	26
	acres, 1987	29 306	(D)	64 441	18 698	40 232	23 826	35 209	26 573
	1982	31 298	43 705	62 583	13 862	29 802	24 245	45 780	20 898
Other than family held	farms, 1987	4	2	7	2	3	4	6	5
	1982	1	7	8	3	3	5	7	4
	acres, 1987	3 015	(D)	1 820	(D)	415	595	459	1 043
	1982	(D)	2 271	4 612	406	426	385	1 470	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	5	6	3	6	10	6	3	3
	1982	2	11	6	7	6	3	7	5
	acres, 1987	1 536	1 495	682	(D)	1 796	1 283	1 610	340
	1982	(D)	1 048	940	1 512	1 986	740	2 064	(D)

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1987	15	26	13	28	37	50	38	14
	1982	32	39	44	52	56	88	85	46
25 to 34 years	1987	126	169	125	155	169	245	206	110
	1982	156	166	133	157	166	236	252	173
35 to 44 years	1987	199	166	143	165	185	252	299	148
	1982	226	201	165	138	243	351	316	155
45 to 54 years	1987	180	197	163	129	214	333	303	153
	1982	184	242	166	216	270	346	382	199
55 to 64 years	1987	202	237	195	222	250	295	355	196
	1982	225	263	231	230	272	264	362	211
55 to 59 years	1987	98	101	93	86	121	173	204	90
60 to 64 years	1987	104	136	102	136	129	122	151	106
65 years and over	1987	171	143	115	88	182	179	264	154
	1982	140	122	87	81	123	137	192	110
65 to 69 years	1987	75	67	64	42	84	75	122	73
70 years and over	1987	96	76	51	46	98	104	142	81
Average age	1987	50.7	49.3	49.6	48.0	49.3	48.2	50.2	51.2
	1982	48.7	47.9	48.0	47.2	47.4	46.1	47.7	47.4
Operators by sex:									
Male	farms, 1987	869	918	739	765	1 023	1 303	1 433	742
	1982	948	1 037	836	857	1 117	1 375	1 554	862
	acres, 1987	226 186	263 548	270 403	255 950	326 191	335 136	424 191	228 744
	1982	237 150	275 729	272 071	256 667	357 446	341 438	442 484	244 549
Female	farms, 1987	24	20	15	22	34	51	32	33
	1982	15	18	12	17	33	47	35	32
	acres, 1987	5 431	5 737	4 990	4 153	3 514	10 476	3 005	6 072
	1982	[illegible]	3 132	3 351	3 009	4 019	5 920	4 878	3 443
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1987	760	803	649	658	899	1 153	1 182	658
	1982	824	906	725	737	974	1 219	1 293	767
	acres, 1987	190 657	222 432	225 627	209 946	249 660	278 545	317 302	183 485
	1982	192 857	226 401	222 470	215 449	263 817	286 155	333 155	202 403
Partnership	farms, 1987	75	107	69	97	113	161	193	76
	1982	90	121	97	104	147	173	215	91
	acres, 1987	19 016	33 432	34 219	36 994	41 885	50 254	58 443	28 277
	1982	23 407	34 744	39 498	32 238	48 754	46 681	71 795	27 238
Corporation:									
Family held	farms, 1987	50	22	28	26	36	32	80	33
	1982	42	24	20	23	22	25	67	26
	acres, 1987	19 862	(D)	(D)	(D)	(D)	(D)	48 697	(D)
	1982	(D)	16 346	(D)	10 932	23 321	(D)	39 367	17 762
Other than family held	farms, 1987	3	2	1	1	1	2	4	2
	1982	2	1	2	4	3	-	9	6
	acres, 1987	1 615	(D)	(D)	(D)	(D)	(D)	382	(D)
	1982	(D)	(D)	(D)	387	25 175	-	1 660	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	5	4	7	5	8	6	6	6
	1982	5	3	4	6	4	5	5	2
	acres, 1987	467	519	1 570	974	1 172	209	2 372	801
	1982	977	(D)	623	670	398	(D)	1 385	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1987	43	29	15	72	16	29	18	11
	1982	52	57	85	113	35	54	36	30
25 to 34 years	1987	190	149	184	325	130	204	93	59
	1982	251	241	222	358	181	266	117	99
35 to 44 years	1987	295	278	205	355	205	355	124	134
	1982	305	285	223	347	220	371	127	143
45 to 54 years	1987	294	269	195	359	235	385	136	140
	1982	350	284	229	466	229	446	175	181
55 to 64 years	1987	310	268	259	436	224	390	157	171
	1982	350	305	265	456	247	416	147	186
55 to 59 years	1987	161	128	116	216	107	215	79	77
60 to 64 years	1987	149	140	143	220	117	175	78	94
65 years and over	1987	224	168	178	171	179	327	106	175
	1982	200	135	169	145	148	255	97	130
65 to 69 years	1987	99	67	69	87	82	149	46	69
70 years and over	1987	125	101	109	84	97	178	60	106
Average age	1987	49.6	49.5	50.1	47.3	50.5	51.2	50.2	53.9
	1982	48.5	46.9	47.2	46.2	48.5	49.2	48.1	50.3
Operators by sex:									
Male	farms, 1987	1 306	1 124	1 004	1 692	954	1 614	613	650
	1982	1 439	1 278	1 160	1 861	1 036	1 751	678	731
	acres, 1987	300 690	316 707	337 931	591 483	261 435	348 438	194 918	201 081
	1982	320 307	332 697	344 171	605 876	263 733	363 243	205 266	213 674
Female	farms, 1987	51	37	32	26	35	76	21	40
	1982	69	29	33	24	24	59	21	38
	acres, 1987	4 944	5 499	5 233	7 670	4 655	7 562	3 937	5 438
	1982	7 933	3 827	6 522	5 604	3 008	5 282	3 404	5 823
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1987	1 091	950	869	1 501	811	1 450	515	602
	1982	1 216	1 070	959	1 631	691	1 545	565	675
	acres, 1987	219 105	230 717	264 629	503 232	190 025	272 855	149 094	172 012
	1982	237 662	249 117	252 325	498 229	190 759	275 499	156 053	175 521
Partnership	farms, 1987	187	136	123	147	124	150	70	70
	1982	212	164	194	196	126	184	91	85
	acres, 1987	54 185	47 971	52 210	62 277	47 103	37 076	22 334	20 649
	1982	57 842	47 091	77 941	71 460	45 329	48 711	32 123	35 146
Corporation:									
Family held	farms, 1987	67	68	39	57	46	79	39	14
	1982	71	66	30	48	36	67	38	8
	acres, 1987	30 348	(D)	(D)	30 354	27 091	44 816	23 694	(D)
	1982	31 378	38 067	18 555	39 715	29 054	42 184	19 674	(D)
Other than family held	farms, 1987	4	2	2	8	3	6	4	1
	1982	6	3	6	7	3	3	-	-
	acres, 1987	976	(D)	(D)	2 270	587	139	(D)	(D)
	1982	990	2 094	(D)	1 406	336	131	-	-
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	7	5	3	5	5	5	6	3
	1982	3	4	4	3	4	11	5	1
	acres, 1987	1 020	160	614	1 020	1 284	1 114	(D)	2 436
	1982	168	155	(D)	670	1 263	2 000	820	(D)

Table 10. **Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years 1987	62	13	36	37	16	15	32	19
1982	106	42	64	41	49	26	46	66
25 to 34 years 1987	279	123	206	140	156	84	172	151
1982	272	171	242	156	180	111	222	149
35 to 44 years 1987	223	225	236	201	206	150	193	151
1982	253	256	239	262	215	147	202	169
45 to 54 years 1987	237	231	215	263	246	120	211	183
1982	320	259	254	291	306	156	214	207
55 to 64 years 1987	273	242	265	279	256	152	211	199
1982	334	266	304	302	307	163	226	229
55 to 59 years 1987	151	125	131	140	130	66	103	109
60 to 64 years 1987	122	117	134	139	126	86	108	90
65 years and over 1987	160	225	235	211	193	120	120	151
1982	104	158	162	179	144	81	101	124
65 to 69 years 1987	108	96	115	90	97	53	55	64
70 years and over 1987	52	129	120	121	96	67	65	87
Average age 1987	46.6	51.9	49.8	51.1	50.6	50.7	48.0	49.8
1982	45.4	48.6	47.7	49.7	48.7	48.0	46.3	48.2
Operators by sex:								
Male ..... farms, 1987	1 193	1 018	1 162	1 078	1 020	621	920	827
1982	1 359	1 119	1 242	1 192	1 162	664	987	912
acres, 1987	337 164	289 409	321 768	273 367	323 450	242 194	268 579	368 975
1982	353 402	310 645	331 159	288 050	332 210	251 968	269 666	374 317
Female ..... farms, 1987	41	41	31	53	53	20	19	27
1982	32	35	23	39	39	20	24	21
acres, 1987	5 774	4 294	6 305	5 948	6 562	3 186	2 003	8 055
1982	4 091	3 003	4 674	4 364	5 565	2 270	3 334	4 304
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1987	1 095	924	1 004	955	871	516	807	739
1982	1 219	968	1 033	1 040	962	545	854	786
acres, 1987	287 186	233 648	263 712	215 925	242 952	179 836	222 603	313 314
1982	297 285	250 318	251 560	225 961	238 601	190 796	219 909	299 875
Partnership ..... farms, 1987	89	108	138	140	118	88	98	92
1982	126	142	199	165	149	110	125	123
acres, 1987	25 406	37 253	43 061	41 545	33 721	42 099	32 085	43 306
1982	36 322	40 255	69 507	55 464	39 911	46 704	37 392	51 605
Corporation:								
Family held ..... farms, 1987	42	20	43	27	73	34	27	18
1982	37	18	26	19	82	24	23	21
acres, 1987	29 129	(D)	19 359	20 187	47 770	22 279	15 209	(D)
1982	23 295	(D)	13 539	9 786	55 133	(D)	12 605	(D)
Other than family held ..... farms, 1987	3	2	5	5	6	-	2	2
1982	3	2	6	-	5	2	3	-
acres, 1987	28	(D)	746	1 142	2 724	-	(D)	(D)
1982	(D)	(D)	(D)	-	(D)	(D)	(D)	-
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1987	5	5	3	4	5	3	5	3
1982	6	4	1	7	3	3	6	3
acres, 1987	1 189	1 757	1 215	516	2 845	1 166	(D)	1 040
1982	(D)	2 695	(D)	1 223	(D)	2 522	(D)	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years 1987	14	13	25	39	30	24	28	55
1982	32	26	27	75	62	62	62	104
25 to 34 years 1987	83	109	123	249	182	144	183	323
1982	99	147	129	272	182	174	176	386
35 to 44 years 1987	129	135	165	230	138	196	180	401
1982	167	134	247	210	146	170	175	330
45 to 54 years 1987	149	117	228	231	156	183	166	343
1982	147	170	249	345	196	231	252	447
55 to 64 years 1987	195	173	227	356	178	247	260	391
1982	193	160	238	334	188	251	261	412
55 to 59 years 1987	79	87	117	189	77	115	124	224
60 to 64 years 1987	116	86	110	167	101	132	136	167
65 years and over 1987	166	154	133	127	47	221	117	227
1982	123	130	115	101	59	169	89	193
65 to 69 years 1987	94	74	75	74	26	88	66	100
70 years and over 1987	72	80	58	53	21	133	51	127
Average age 1987	52.5	51.0	49.7	47.8	45.5	51.6	48.4	47.7
1982	49.7	48.8	48.5	46.3	45.0	48.9	47.0	46.6
Operators by sex:								
Male farms, 1987	706	684	877	1 205	714	982	906	1 689
1982	738	756	979	1 314	824	1 027	999	1 820
acres, 1987	219 503	245 819	230 983	356 945	228 657	332 417	333 900	512 745
1982	218 299	250 510	236 273	357 878	244 384	329 341	341 463	508 062
Female farms, 1987	30	17	24	27	17	33	28	51
1982	23	13	26	23	9	30	16	54
acres, 1987	5 642	2 072	2 043	5 264	2 014	5 355	9 957	8 724
1982	3 901	3 030	1 854	4 985	1 673	3 767	3 864	9 956
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms, 1987	646	587	755	1 056	641	844	815	1 516
1982	680	627	835	1 144	734	874	851	1 624
acres, 1987	194 917	204 015	170 968	296 848	187 896	263 010	281 165	431 664
1982	195 761	202 616	171 301	292 251	203 836	262 008	272 048	432 349
Partnership farms, 1987	76	87	83	112	48	140	72	166
1982	71	115	103	134	59	151	103	209
acres, 1987	25 624	31 041	29 097	35 756	(D)	53 427	29 146	63 167
1982	24 547	38 903	31 952	43 152	18 736	51 710	36 776	67 597
Corporation:								
Family held farms, 1987	7	18	58	55	40	25	41	50
1982	4	20	61	48	33	20	52	35
acres, 1987	3 070	(D)	(D)	28 491	(D)	18 579	(D)	26 232
1982	1 471	10 631	(D)	25 222	22 405	14 137	33 495	(D)
Other than family held farms, 1987	3	2	1	3	1	2	1	3
1982	6	3	1	5	4	7	3	1
acres, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	180
1982	421	(D)	(D)	1 532	660	2 968	880	(D)
Other—cooperative, estate or trust, institutional, etc. farms, 1987	4	7	4	6	1	4	5	5
1982	-	4	5	6	3	5	[illegible]	5
acres, 1987	(D)	1 527	1 248	(D)	(D)	(D)	1 150	226
1982	-	(D)	1 014	706	420	2 285	2 128	873

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1987	22	20	46	29	16	38	24	42
	1982	67	43	85	55	29	68	34	83
25 to 34 years	1987	183	113	279	171	96	189	156	245
	1982	232	140	300	195	136	212	187	248
35 to 44 years	1987	202	184	338	215	110	196	199	264
	1982	184	211	357	222	133	188	257	225
45 to 54 years	1987	194	220	323	226	125	197	219	204
	1982	241	279	419	263	167	274	255	298
55 to 64 years	1987	256	260	434	229	186	258	224	274
	1982	294	267	452	273	176	298	264	355
55 to 59 years	1987	131	145	228	123	81	120	116	126
60 to 64 years	1987	125	115	206	106	105	138	108	148
65 years and over	1987	130	204	232	177	168	157	151	148
	1982	87	170	215	144	135	106	100	108
65 to 69 years	1987	89	86	100	81	65	83	81	78
70 years and over	1987	41	118	132	96	103	74	70	70
Average age	1987	48.3	52.1	49.1	49.3	52.8	48.7	49.3	47.0
	1982	46.3	49.8	48.0	48.1	49.6	47.1	47.3	46.7
Operators by sex:									
Male	farms, 1987	956	937	1 607	1 010	666	997	941	1 164
	1982	1 086	1 060	1 763	1 121	749	1 108	1 072	1 293
	acres, 1987	342 859	231 627	536 937	329 935	274 658	352 953	226 976	348 699
	1982	354 466	242 099	543 262	352 068	306 654	353 744	235 595	351 899
Female	farms, 1987	31	64	45	37	35	38	32	13
	1982	19	50	65	31	27	38	25	24
	acres, 1987	6 517	6 629	6 944	5 513	10 600	6 724	3 485	2 688
	1982	2 921	5 162	12 066	3 650	7 317	5 413	3 571	4 932
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1987	849	806	1 376	888	608	840	839	1 025
	1982	978	916	1 479	971	661	926	931	1 139
	acres, 1987	289 934	168 173	414 547	267 456	227 338	270 448	171 846	302 075
	1982	301 524	177 464	400 893	275 956	248 644	267 674	177 218	295 165
Partnership	farms, 1987	87	112	179	128	74	124	64	108
	1982	72	117	253	155	96	161	99	132
	acres, 1987	30 575	27 534	73 864	49 219	42 098	58 836	17 090	29 367
	1982	25 452	28 151	104 730	59 687	51 427	62 939	26 598	40 287
Corporation:									
Family held	farms, 1987	44	65	80	21	12	57	64	39
	1982	44	56	77	22	14	52	62	38
	acres, 1987	27 076	37 242	51 962	15 972	(D)	27 436	(D)	19 294
	1982	29 180	33 874	47 328	18 473	10 976	26 653	34 521	21 035
Other than family held	farms, 1987	2	4	14	-	2	7	2	2
	1982	4	14	14	2	4	6	4	5
	acres, 1987	(D)	1 563	3 426	-	(D)	(D)	(D)	(D)
	1982	420	6 145	1 447	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	5	14	3	10	5	7	4	3
	1982	7	7	5	2	1	1	1	3
	acres, 1987	(D)	3 724	82	2 801	3 560	(D)	2 182	(D)
	1982	811	1 627	950	(D)	(D)	(D)	(D)	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years 1987	80	15	37	15	14	14	12	20
1982	107	35	82	52	24	34	27	50
25 to 34 years 1987	410	181	208	121	102	103	93	139
1982	441	235	243	157	140	162	148	174
35 to 44 years 1987	435	236	266	164	132	152	163	247
1982	430	241	302	173	137	186	177	307
45 to 54 years 1987	407	213	295	142	143	165	194	339
1982	469	271	331	166	187	155	219	322
55 to 64 years 1987	499	287	349	155	151	173	193	335
1982	501	312	383	197	171	197	225	336
55 to 59 years 1987	236	130	181	79	81	80	95	166
60 to 64 years 1987	263	157	168	76	70	93	98	169
65 years and over 1987	184	206	229	177	151	176	224	230
1982	152	154	167	145	113	149	163	205
65 to 69 years 1987	90	106	109	87	62	80	100	92
70 years and over 1987	94	100	120	90	89	96	124	138
Average age 1987	46.6	50.3	49.9	50.7	51.3	51.6	52.8	51.7
1982	45.6	48.1	47.7	48.2	48.7	48.7	49.9	49.6
Operators by sex:								
Male farms, 1987	1 974	1 101	1 348	739	672	753	862	1 245
1982	2 061	1 212	1 474	874	753	851	926	1 337
acres, 1987	466 595	323 847	407 317	282 095	231 236	240 038	206 725	294 552
1982	464 642	334 953	415 073	290 355	233 356	266 517	219 057	313 140
Female farms, 1987	41	37	56	35	21	30	37	65
1982	39	36	34	16	19	32	31	57
acres, 1987	5 768	3 234	9 861	8 962	2 357	4 901	4 960	9 231
1982	5 348	3 439	4 513	1 946	2 205	4 155	3 660	7 700
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms, 1987	1 694	916	1 176	666	608	679	817	1 119
1982	1 763	1 042	1 272	758	680	755	857	1 175
acres, 1987	375 205	239 864	324 359	240 532	195 792	201 387	175 528	236 116
1982	380 221	251 710	331 842	226 553	185 360	215 129	186 958	242 293
Partnership farms, 1987	251	109	172	89	63	73	60	142
1982	278	106	187	106	71	99	74	169
acres, 1987	68 495	31 220	59 074	35 679	24 325	30 302	21 360	39 729
1982	68 863	26 708	60 532	51 487	40 895	39 794	20 289	49 706
Corporation:								
Family held farms, 1987	58	95	50	15	20	26	20	40
1982	44	81	45	24	16	24	25	35
acres, 1987	27 836	(D)	(D)	(D)	13 188	12 445	(D)	26 427
1982	18 224	55 666	(D)	(D)	(D)	13 333	14 821	26 199
Other than family held farms, 1987	6	9	2	1	1	3	-	5
1982	8	7	1	-	2	4	1	10
acres, 1987	78	(D)	(D)	(D)	(D)	(D)	-	991
1982	1 808	413	(D)	-	(D)	(D)	(D)	2 258
Other—cooperative, estate or trust, institutional, etc. farms, 1987	6	9	4	3	1	2	2	4
1982	7	10	3	2	3	1	2	5
acres, 1987	749	1 025	394	260	(D)	(D)	(D)	520
1982	854	3 895	534	(D)	1 464	(D)	(D)	384

Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years 1987	42	22	22	25	48	31	18	12
1982	56	36	64	53	95	80	51	42
25 to 34 years 1987	214	71	204	132	314	205	116	129
1982	226	133	236	160	310	271	158	150
35 to 44 years 1987	232	145	249	137	310	300	128	164
1982	259	133	216	135	336	336	138	202
45 to 54 years 1987	246	131	253	153	327	267	120	193
1982	277	164	332	200	413	332	168	220
55 to 64 years 1987	260	194	337	192	379	330	183	242
1982	272	216	357	220	412	373	200	287
55 to 59 years 1987	146	77	167	106	184	157	79	112
60 to 64 years 1987	114	117	170	86	195	173	104	130
65 years and over 1987	164	180	170	103	255	227	102	142
1982	146	142	152	79	158	187	83	108
65 to 69 years 1987	82	73	82	59	131	103	47	75
70 years and over 1987	82	107	88	44	124	124	55	67
Average age 1987	48.1	53.0	49.5	48.6	48.7	49.8	49.7	50.5
1982	47.2	49.8	48.3	47.1	46.8	47.5	48.5	48.5
Operators by sex:								
Male farms, 1987	1 125	703	1 183	724	1 577	1 310	649	883
1982	1 214	797	1 316	831	1 682	1 536	785	994
acres, 1987	316 244	274 490	404 839	240 568	368 838	440 401	219 393	338 232
1982	333 505	285 917	412 974	243 005	392 780	472 375	231 919	357 815
Female farms, 1987	33	40	52	18	56	50	18	19
1982	24	27	41	16	42	43	13	15
acres, 1987	5 260	6 779	11 784	1 862	6 187	11 358	2 285	5 778
1982	4 345	4 257	6 658	3 545	7 833	6 249	2 395	2 653
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms, 1987	905	642	1 074	647	1 382	1 200	586	776
1982	954	702	1 172	730	1 434	1 382	680	864
acres, 1987	222 013	240 202	340 330	197 229	295 329	369 256	184 174	290 136
1982	226 731	237 077	341 671	199 843	315 765	395 088	186 767	286 709
Partnership farms, 1987	149	84	107	57	222	125	59	58
1982	193	101	129	85	265	158	92	97
acres, 1987	45 525	33 040	43 199	16 299	70 423	61 721	27 333	21 347
1982	60 206	39 734	47 881	19 270	70 748	64 598	35 990	39 925
Corporation:								
Family held farms, 1987	90	9	43	38	15	25	17	44
1982	73	17	39	29	20	25	15	42
acres, 1987	49 564	(D)	28 317	28 902	7 494	(D)	(D)	(D)
1982	45 939	11 623	24 199	27 257	13 118	14 371	(D)	31 424
Other than family held farms, 1987	10	1	5	-	2	2	1	1
1982	12	1	8	-	1	6	2	2
acres, 1987	3 647	(D)	(D)	-	(D)	(D)	(D)	(D)
1982	4 427	(D)	4 048	-	(D)	3 748	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. farms, 1987	4	7	6	-	12	8	4	3
1982	6	3	9	3	4	8	9	4
acres, 1987	755	1 234	(D)	-	(D)	900	335	609
1982	547	(D)	1 833	180	(D)	819	507	(D)

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
INVENTORY							
Cattle and calves farms, 1987	49 469	650	464	863	648	400	685
1982	62 412	810	539	984	680	547	855
number, 1987	4 303 682	62 601	42 485	88 346	50 221	44 301	71 528
1982	5 622 488	83 391	54 915	105 984	53 100	78 695	70 957
Farms by inventory:							
1 to 9 farms, 1987	4 928	33	24	37	68	30	82
1982	5 919	29	34	29	57	25	89
number, 1987	25 026	159	99	195	362	154	431
1982	29 783	155	146	144	323	120	469
10 to 19 farms, 1987	5 734	41	29	41	76	45	80
1982	6 410	44	46	41	73	37	82
number, 1987	80 721	570	424	554	1 081	613	1 114
1982	91 276	647	650	547	970	547	1 178
20 to 49 farms, 1987	13 985	185	144	172	184	105	202
1982	16 782	223	125	188	189	134	266
number, 1987	458 833	6 227	4 866	5 858	6 107	3 306	6 749
1982	557 424	7 824	4 235	6 396	6 073	4 463	8 902
50 to 99 farms, 1987	12 289	199	128	254	155	106	183
1982	15 755	216	154	297	166	135	216
number, 1987	863 436	14 277	8 676	18 542	10 915	7 373	12 642
1982	1 106 870	15 500	11 038	21 338	11 918	9 774	15 278
100 to 199 farms, 1987	8 310	124	99	264	120	68	97
1982	11 296	211	122	298	145	129	139
number, 1987	1 111 060	16 786	13 487	36 158	16 250	8 612	12 380
1982	1 521 816	28 740	16 757	40 382	(D)	17 639	18 249
200 to 499 farms, 1987	3 423	58	32	90	41	31	30
1982	5 122	79	47	127	48	66	49
number, 1987	961 296	15 781	8 709	24 182	11 270	9 318	8 187
1982	1 450 807	22 510	13 273	34 268	13 175	18 677	14 067
500 or more farms, 1987	800	10	8	5	6	15	11
1982	1 128	8	11	4	2	21	14
number, 1987	803 260	8 801	6 224	2 857	4 236	14 725	30 025
1982	1 064 512	8 015	8 816	2 909	(D)	27 475	12 814
Cows and heifers that had calved farms, 1987	38 373	571	428	757	607	297	534
1982	48 561	742	487	892	633	382	663
number, 1987	1 418 633	27 456	19 662	38 969	26 207	13 034	16 315
1982	1 676 061	35 597	23 722	47 359	28 129	20 550	22 207
Beef cows farms, 1987	32 279	554	424	443	592	281	481
1982	41 117	721	481	563	620	356	594
number, 1987	1 123 745	26 347	19 414	18 666	25 483	12 568	13 908
1982	1 536 397	34 062	23 136	25 595	27 332	19 559	19 393
1987 farms by inventory:							
1 to 9 farms	5 883	42	21	43	100	50	93
number	30 117	209	104	188	501	259	489
10 to 19 farms	7 337	78	78	84	95	64	106
number	102 885	1 107	1 122	1 194	1 336	676	1 487
20 to 49 farms	12 314	258	193	190	220	107	218
number	378 182	8 073	5 952	5 864	7 124	3 360	6 505
50 to 99 farms	4 965	122	92	89	127	44	54
number	325 104	7 942	6 138	6 099	8 533	2 824	3 459
100 to 199 farms	1 467	43	34	32	41	7	8
number	182 308	5 181	4 150	3 958	5 038	871	(D)
200 to 499 farms	276	9	5	5	8	5	1
number	74 024	(D)	(D)	1 383	(D)	1 194	(D)
500 or more farms	37	2	1	-	1	4	1
number	31 125	(D)	(D)	-	(D)	3 184	(D)
Milk cows farms, 1987	7 748	37	15	422	45	21	69
1982	10 485	73	28	502	64	40	104
number, 1987	294 888	1 109	248	20 303	724	466	2 407
1982	339 664	1 535	586	21 764	797	991	2 814
1987 farms by inventory:							
1 to 9 farms	1 158	10	7	13	22	8	13
number	3 417	22	14	52	37	20	32
10 to 19 farms	870	4	3	16	9	4	8
number	12 357	52	38	241	140	63	123
20 to 49 farms	3 470	16	4	222	10	8	30
number	115 939	550	(D)	7 880	296	(D)	1 007
50 to 99 farms	1 955	5	1	152	4	1	16
number	123 685	(D)	(D)	9 782	251	(D)	(D)
100 to 199 farms	272	2	-	18	-	-	2
number	32 759	(D)	-	(D)	-	-	(D)
200 to 499 farms	22	-	-	1	-	-	-
number	(D)	-	-	(D)	-	-	-
500 or more farms	1	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
Heifers and heifer calves farms, 1987	38 383	542	377	761	516	305	534
1982	48 981	687	436	859	550	443	678
number, 1987	1 275 321	15 274	9 787	26 515	10 840	14 576	19 972
1982	1 663 560	20 991	11 889	28 514	11 958	25 436	20 323
Steers, steer calves, bulls, and bull calves farms, 1987	42 527	594	409	753	563	346	585
1982	54 603	754	479	866	620	480	777
number, 1987	1 609 728	19 871	13 036	22 842	13 174	16 691	35 241
1982	2 282 867	26 803	19 304	30 111	13 013	32 709	28 427

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
INVENTORY								
Cattle and calves	farms, 1987	413	323	584	646	240	552	235
	1982	565	447	703	738	378	739	400
	number, 1987	24 204	24 331	34 300	37 083	30 112	32 358	22 434
	1982	36 312	35 101	39 690	47 218	46 641	44 507	41 563
Farms by inventory:								
1 to 9	farms, 1987	66	60	89	77	45	78	40
	1982	116	76	114	95	37	106	41
	number, 1987	309	277	448	392	238	393	185
	1982	567	365	610	512	146	519	174
10 to 19	farms, 1987	62	44	77	120	24	83	43
	1982	72	67	93	89	45	97	55
	number, 1987	843	602	1 132	1 722	348	1 197	592
	1982	996	956	1 333	1 264	620	1 358	839
20 to 49	farms, 1987	131	89	148	238	51	182	62
	1982	151	139	195	260	88	257	118
	number, 1987	4 054	2 853	4 995	7 726	1 671	5 984	2 066
	1982	4 836	4 516	6 523	8 541	2 991	8 428	3 834
50 to 99	farms, 1987	98	63	146	115	44	128	43
	1982	118	75	190	171	73	168	83
	number, 1987	7 304	4 374	10 273	7 790	2 926	8 711	2 816
	1982	8 335	5 313	13 301	11 828	5 107	11 688	5 519
100 to 199	farms, 1987	42	35	81	67	30	60	19
	1982	77	50	92	84	72	79	58
	number, 1987	5 330	4 471	10 194	8 756	4 053	7 698	2 683
	1982	9 932	6 821	11 945	11 235	10 104	10 371	7 573
200 to 499	farms, 1987	12	28	21	23	39	15	15
	1982	26	31	16	32	49	24	31
	number, 1987	(D)	7 399	(D)	6 097	11 671	4 957	4 495
	1982	7 907	8 674	4 095	8 844	13 716	7 156	9 086
500 or more	farms, 1987	2	4	2	6	7	6	13
	1982	5	9	3	7	14	8	14
	number, 1987	(D)	4 355	(D)	4 600	9 205	3 418	9 597
	1982	3 739	6 434	1 883	4 994	13 957	4 967	14 538
Cows and heifers that had calved	farms, 1987	248	236	407	501	152	371	160
	1982	389	321	529	575	250	504	262
	number, 1987	7 177	5 955	12 844	12 618	4 911	9 334	4 824
	1982	11 222	8 841	15 381	15 907	10 076	14 148	8 839
Beef cows	farms, 1987	180	222	182	260	141	266	155
	1982	284	295	262	341	243	366	248
	number, 1987	3 887	5 403	3 777	6 642	4 413	5 632	4 714
	1982	6 975	8 212	4 552	9 336	9 510	9 250	8 526
1987 farms by inventory:								
1 to 9	farms	63	68	72	91	36	73	47
	number	323	334	340	496	152	367	243
10 to 19	farms	43	62	45	62	32	89	38
	number	599	889	635	835	475	1 276	530
20 to 49	farms	59	66	49	79	42	81	51
	number	1 686	1 835	1 386	2 357	1 207	2 419	1 436
50 to 99	farms	12	20	11	18	22	21	11
	number	714	1 325	736	1 071	1 448	(D)	747
100 to 199	farms	1	3	4	6	9	1	6
	number	(D)	410	(D)	933	1 131	(D)	(D)
200 to 499	farms	2	3	1	4	-	1	1
	number	(D)	610	(D)	950	-	(D)	(D)
500 or more	farms	-	-	-	-	-	-	1
	number	-	-	-	-	-	-	(D)
Milk cows	farms, 1987	82	26	244	264	15	118	8
	1982	137	41	308	282	14	173	26
	number, 1987	3 290	552	9 067	5 976	498	3 702	110
	1982	4 247	629	10 829	6 571	566	4 898	313
1987 farms by inventory:								
1 to 9	farms	6	16	16	49	5	20	4
	number	22	(D)	69	256	11	89	8
10 to 19	farms	11	1	21	101	3	13	2
	number	154	(D)	291	1 360	43	185	(D)
20 to 49	farms	37	5	149	89	5	70	1
	number	1 174	194	4 873	2 759	(D)	2 185	(D)
50 to 99	farms	23	3	52	22	-	13	1
	number	1 313	175	3 183	1 283	-	(D)	(D)
100 to 199	farms	5	1	6	3	2	1	-
	number	627	(D)	651	318	(D)	(D)	-
200 to 499	farms	-	-	-	-	-	1	-
	number	-	-	-	-	-	(D)	-
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Heifers and heifer calves	farms, 1987	298	246	425	521	184	400	169
	1982	405	348	551	593	279	545	296
	number, 1987	7 426	8 857	10 602	10 988	9 512	9 247	6 522
	1982	10 349	10 559	11 989	12 412	13 084	15 051	12 143
Steers, steer calves, bulls, and bull calves	farms, 1987	358	267	439	549	195	487	196
	1982	497	371	586	649	336	643	349
	number, 1987	9 601	9 519	10 854	13 477	15 689	13 777	11 088
	1982	14 741	15 701	12 320	18 899	23 481	15 308	20 581

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY								
Cattle and calves	farms, 1987	577	510	505	213	478	537	511
	1982	774	686	616	311	670	644	578
	number, 1987	84 045	52 259	37 738	12 904	61 492	41 260	41 203
	1982	125 274	75 045	51 193	21 628	90 932	48 830	49 829
Farms by inventory:								
1 to 9	farms, 1987	34	31	43	30	29	57	39
	1982	61	34	54	59	31	84	48
	number, 1987	152	153	201	145	139	310	178
	1982	315	159	231	278	156	434	236
10 to 19	farms, 1987	52	59	62	36	38	43	53
	1982	54	52	54	39	41	68	60
	number, 1987	722	863	878	505	534	614	743
	1982	751	739	748	554	591	935	866
20 to 49	farms, 1987	153	140	171	69	114	168	133
	1982	192	186	187	76	139	174	140
	number, 1987	4 988	4 881	5 561	2 139	3 711	5 461	4 342
	1982	6 283	6 531	6 181	2 369	4 478	5 827	4 747
50 to 99	farms, 1987	160	129	108	43	125	152	148
	1982	200	193	157	79	180	179	139
	number, 1987	11 025	8 958	7 626	2 909	8 464	10 543	10 541
	1982	13 659	13 533	11 057	5 284	12 454	12 579	9 573
100 to 199	farms, 1987	93	93	90	23	97	82	104
	1982	144	144	105	32	151	99	132
	number, 1987	12 740	12 894	12 386	3 259	13 106	10 537	14 268
	1982	20 093	19 340	13 704	4 366	21 033	12 919	17 509
200 to 499	farms, 1987	53	40	27	10	64	26	28
	1982	78	57	54	22	97	30	52
	number, 1987	15 042	11 355	7 996	(D)	18 858	7 053	7 538
	1982	22 610	17 575	14 544	5 529	27 642	8 762	12 359
500 or more	farms, 1987	32	18	4	2	11	9	6
	1982	45	20	5	4	31	10	7
	number, 1987	39 376	13 155	3 090	(D)	16 680	6 742	3 593
	1982	61 563	17 168	4 728	3 248	24 578	7 374	4 539
Cows and heifers that had calved	farms, 1987	325	418	379	151	346	389	469
	1982	444	561	491	220	452	502	540
	number, 1987	11 660	17 300	12 198	5 059	12 923	12 652	20 773
	1982	15 729	23 689	16 957	7 642	19 205	15 706	25 674
Beef cows	farms, 1987	308	406	348	129	305	237	461
	1982	413	536	436	195	412	345	527
	number, 1987	11 102	16 648	10 841	4 289	11 277	6 362	20 514
	1982	14 628	22 436	14 686	6 957	17 514	9 241	25 247
1987 farms by inventory:								
1 to 9	farms	43	48	53	31	40	42	55
	number	218	253	304	141	218	217	312
10 to 19	farms	73	78	103	36	79	73	75
	number	1 017	1 083	1 402	463	1 110	1 026	1 064
20 to 49	farms	131	170	129	40	118	91	173
	number	3 981	5 135	3 990	1 311	3 859	2 736	5 719
50 to 99	farms	40	73	49	14	44	24	122
	number	2 605	4 839	3 171	1 053	2 892	1 490	8 089
100 to 199	farms	17	32	13	7	22	7	30
	number	1 969	3 857	(D)	(D)	(D)	893	3 711
200 to 499	farms	4	5	1	1	2	-	6
	number	1 312	1 481	(D)	(D)	(D)	-	1 619
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Milk cows	farms, 1987	22	25	42	25	51	172	21
	1982	45	49	75	29	58	202	41
	number, 1987	558	652	1 357	770	1 646	6 290	259
	1982	1 101	1 253	2 271	685	1 691	6 465	427
1987 farms by inventory:								
1 to 9	farms	4	9	10	5	9	14	15
	number	5	(D)	29	13	23	33	(D)
10 to 19	farms	4	2	8	6	6	17	1
	number	62	(D)	119	86	88	247	(D)
20 to 49	farms	12	8	12	8	25	101	4
	number	(D)	241	406	235	766	3 224	121
50 to 99	farms	2	6	12	5	10	35	-
	number	(D)	387	803	(D)	(D)	2 206	-
100 to 199	farms	-	-	-	1	1	5	1
	number	-	-	-	(D)	(D)	580	(D)
200 to 499	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
500 or more	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Heifers and heifer calves	farms, 1987	447	413	395	179	374	410	417
	1982	592	571	473	241	526	503	481
	number, 1987	41 746	14 058	11 777	3 603	19 499	12 939	9 584
	1982	59 027	19 197	13 290	5 858	30 507	14 622	11 566
Steers, steer calves, bulls, and bull calves	farms, 1987	428	458	444	194	431	456	464
	1982	589	628	542	269	581	566	521
	number, 1987	30 639	20 901	13 763	4 242	29 070	15 669	10 846
	1982	50 518	32 159	20 946	8 128	41 220	18 502	12 589

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
INVENTORY							
Cattle and calves farms, 1987	264	1 275	664	778	395	646	497
1982	426	1 445	822	1 016	520	726	568
number, 1987	32 833	111 580	63 452	67 100	23 978	39 154	51 643
1982	53 059	123 836	82 134	100 020	38 748	49 920	70 032
Farms by inventory:							
1 to 9 farms, 1987	24	70	75	55	55	90	43
1982	34	86	105	62	81	74	33
number, 1987	91	370	347	271	276	462	214
1982	185	373	561	361	387	342	176
10 to 19 farms, 1987	33	119	78	87	73	89	45
1982	41	120	74	94	81	99	40
number, 1987	462	1 680	1 064	1 203	1 036	1 270	642
1982	614	1 736	1 080	1 361	1 146	1 494	539
20 to 49 farms, 1987	73	257	158	224	138	215	130
1982	103	342	184	256	151	231	153
number, 1987	2 441	8 656	5 158	7 587	4 538	7 064	4 271
1982	3 350	11 572	6 131	8 704	4 907	7 546	4 986
50 to 99 farms, 1987	58	408	158	193	67	139	137
1982	110	457	186	277	107	170	141
number, 1987	3 879	29 409	10 987	13 382	4 729	9 769	9 796
1982	7 683	32 440	13 021	19 292	7 629	11 852	9 873
100 to 199 farms, 1987	31	330	105	147	42	82	87
1982	70	353	150	204	59	105	126
number, 1987	4 335	43 125	14 409	19 541	5 627	10 815	11 702
1982	9 237	46 317	20 359	27 355	8 238	13 760	17 358
200 to 499 farms, 1987	32	80	76	64	14	28	46
1982	48	101	106	106	33	41	52
number, 1987	8 899	21 366	22 700	17 735	4 058	7 602	13 359
1982	13 900	26 348	31 180	30 573	9 616	10 823	15 174
500 or more farms, 1987	13	11	14	8	6	3	9
1982	20	7	15	17	8	6	23
number, 1987	12 726	6 974	8 787	7 381	3 714	2 172	11 659
1982	18 090	5 050	9 802	12 374	6 825	4 103	21 926
Cows and heifers that had calved farms, 1987	171	1 087	436	600	315	571	444
1982	279	1 293	546	770	415	674	516
number, 1987	5 434	49 557	14 024	22 641	8 468	20 257	25 168
1982	11 523	55 674	20 604	28 510	12 409	25 702	33 076
Beef cows farms, 1987	161	529	386	580	307	495	431
1982	260	671	467	734	401	596	506
number, 1987	5 191	19 341	11 361	21 286	8 119	18 447	24 439
1982	10 889	24 567	16 984	27 414	12 115	22 882	32 413
1987 farms by inventory:							
1 to 9 farms	37	104	93	81	77	78	45
number	209	513	461	417	386	384	193
10 to 19 farms	29	119	84	121	86	113	76
number	408	1 651	1 219	1 743	1 201	1 586	1 075
20 to 49 farms	65	197	140	239	105	180	165
number	1 898	6 179	4 250	7 267	3 122	5 674	5 291
50 to 99 farms	23	78	54	107	33	94	94
number	1 506	5 182	3 637	7 008	2 265	6 239	6 311
100 to 199 farms	5	23	14	26	4	27	36
number	(D)	2 902	(D)	3 195	(D)	3 398	4 714
200 to 499 farms	2	6	1	6	2	2	12
number	(D)	(D)	(D)	1 636	(D)	(D)	2 869
500 or more farms	-	2	-	-	-	1	3
number	-	(D)	-	-	-	(D)	3 986
Milk cows farms, 1987	11	674	61	51	17	116	32
1982	27	789	102	80	38	158	49
number, 1987	243	30 216	2 663	1 355	349	1 810	729
1982	634	31 107	3 620	2 096	294	2 820	663
1987 farms by inventory:							
1 to 9 farms	3	23	8	19	8	52	19
number	17	103	31	60	16	126	34
10 to 19 farms	5	49	3	7	1	30	5
number	74	704	48	99	(D)	417	75
20 to 49 farms	1	345	30	18	6	27	2
number	(D)	12 031	1 066	628	193	680	(D)
50 to 99 farms	2	237	16	6	2	8	4
number	(D)	14 759	1 032	(D)	(D)	(D)	277
100 to 199 farms	-	18	4	1	-	1	2
number	-	(D)	486	(D)	-	(D)	(D)
200 to 499 farms	-	2	-	-	-	-	-
number	-	(D)	-	-	-	-	-
500 or more farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Heifers and heifer calves farms, 1987	193	1 084	523	594	300	480	409
1982	300	1 238	634	813	406	609	485
number, 1987	7 802	34 938	26 321	17 641	6 402	8 509	13 551
1982	10 986	35 121	28 067	29 970	12 149	11 334	17 409
Steers, steer calves, bulls, and bull calves farms, 1987	223	1 040	546	671	331	545	432
1982	377	1 190	679	896	455	649	526
number, 1987	19 597	27 085	23 107	26 818	9 108	10 388	12 924
1982	30 550	33 041	33 463	40 540	14 190	12 884	19 547

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY								
Cattle and calves farms, 1987	914	311	184	1 250	186	880	339	284
1982	1 034	377	277	1 375	225	1 077	448	402
number, 1987	79 043	18 114	25 849	117 453	18 380	78 118	21 468	19 476
1982	84 117	26 803	43 788	124 039	26 785	92 966	27 332	37 723
Farms by inventory:								
1 to 9 farms, 1987	59	52	14	67	21	80	52	28
1982	65	55	19	70	27	100	70	52
number, 1987	314	272	51	413	85	428	290	147
1982	324	287	91	374	142	539	350	251
10 to 19 farms, 1987	61	51	22	108	25	50	58	38
1982	68	69	33	109	25	102	74	47
number, 1987	863	720	309	1 502	359	706	769	534
1982	979	983	502	1 487	354	1 485	1 014	647
20 to 49 farms, 1987	198	96	54	252	45	211	103	83
1982	256	118	61	274	49	244	135	105
number, 1987	6 520	2 869	1 744	8 357	1 547	6 956	3 322	2 696
1982	9 144	3 731	1 994	9 279	1 588	8 400	4 070	3 531
50 to 99 farms, 1987	338	56	38	359	40	262	70	64
1982	374	68	61	472	51	320	93	91
number, 1987	24 471	3 779	2 754	25 957	2 900	19 123	5 181	4 423
1982	26 768	4 614	4 581	34 107	3 764	22 495	6 363	6 383
100 to 199 farms, 1987	192	37	25	355	18	209	43	37
1982	201	44	51	332	38	230	50	70
number, 1987	26 101	4 781	3 276	46 080	2 728	28 443	5 617	4 959
1982	26 730	5 906	7 196	43 906	5 189	31 042	6 784	9 777
200 to 499 farms, 1987	63	18	24	97	13	60	13	11
1982	67	17	34	107	24	67	21	30
number, 1987	17 613	(D)	7 213	26 308	4 331	15 570	3 701	3 157
1982	18 517	4 802	9 713	28 192	7 538	17 630	5 676	7 791
500 or more farms, 1987	5	1	7	12	4	8	3	3
1982	3	6	18	11	11	14	5	7
number, 1987	3 161	(D)	10 502	8 236	4 430	6 892	2 588	3 560
1982	1 655	6 480	19 711	6 694	8 210	11 375	3 075	9 343
Cows and heifers that had calved farms, 1987	722	260	119	981	124	652	235	174
1982	818	318	184	1 131	163	846	319	260
number, 1987	31 961	7 715	4 693	47 394	4 326	27 697	5 962	5 047
1982	32 689	10 034	8 212	50 737	7 453	32 798	8 474	9 841
Beef cows farms, 1987	243	248	92	449	119	303	193	150
1982	325	303	165	576	156	431	263	220
number, 1987	7 619	6 912	3 791	14 070	(D)	9 987	4 283	4 115
1982	9 062	9 438	7 510	18 816	7 278	14 029	6 251	8 492
1987 farms by inventory:								
1 to 9 farms	47	62	12	81	26	59	56	41
number	221	315	(D)	414	(D)	266	269	201
10 to 19 farms	68	59	23	95	28	83	51	32
number	941	808	345	1 267	398	1 212	713	462
20 to 49 farms	85	87	34	188	38	108	65	58
number	2 467	2 500	1 023	5 680	1 100	3 235	1 921	1 713
50 to 99 farms	30	33	13	68	19	40	19	16
number	1 923	2 293	960	4 451	1 237	2 603	(D)	969
100 to 199 farms	10	6	9	15	5	8	2	2
number	1 297	(D)	(D)	(D)	697	1 073	(D)	(D)
200 to 499 farms	3	1	1	2	3	4	-	-
number	770	(D)	(D)	(D)	740	(D)	-	-
500 or more farms	-	-	-	-	-	1	-	1
number	-	-	-	-	-	(D)	-	(D)
Milk cows farms, 1987	527	19	29	605	7	404	52	29
1982	569	23	24	661	12	499	62	57
number, 1987	24 342	803	902	33 324	(D)	17 710	1 679	932
1982	23 607	596	702	31 921	175	16 769	2 223	1 349
1987 farms by inventory:								
1 to 9 farms	21	6	8	14	6	15	9	6
number	94	23	25	45	15	70	30	12
10 to 19 farms	39	2	6	15	1	37	9	3
number	567	(D)	84	205	(D)	515	143	44
20 to 49 farms	281	4	8	251	-	211	25	18
number	9 826	124	241	9 019	-	7 257	859	(D)
50 to 99 farms	163	5	4	278	-	126	8	1
number	10 586	353	232	17 816	-	7 968	(D)	(D)
100 to 199 farms	20	2	3	46	-	14	1	-
number	2 504	(D)	320	(D)	-	(D)	(D)	-
200 to 499 farms	3	-	-	-	-	1	-	1
number	745	-	-	-	-	(D)	-	(D)
500 or more farms	-	-	-	1	-	-	-	-
number	-	-	-	(D)	-	-	-	-
Heifers and heifer calves farms, 1987	742	233	128	992	129	708	255	188
1982	837	260	201	1 157	166	874	352	288
number, 1987	24 495	4 179	9 314	35 222	4 791	22 579	5 372	5 885
1982	26 245	8 573	13 233	37 643	7 610	28 495	7 571	9 852
Steers, steer calves, bulls, and bull calves farms, 1987	697	280	164	938	147	750	304	231
1982	823	339	230	1 109	195	931	385	338
number, 1987	22 587	6 220	11 842	34 837	7 263	27 842	10 134	8 544
1982	25 183	8 196	22 343	35 659	11 722	31 673	11 287	18 030

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
INVENTORY									
Cattle and calves	farms, 1987	288	313	341	550	148	243	352	491
	1982	387	423	442	695	257	377	453	672
	number, 1987	24 694	23 691	32 392	42 797	9 014	18 095	28 548	45 158
	1982	36 032	42 333	41 043	64 881	24 064	30 538	55 668	52 303
Farms by inventory:									
1 to 9	farms, 1987	23	52	38	50	34	25	35	45
	1982	30	51	68	58	44	45	60	60
	number, 1987	114	265	219	278	146	128	190	221
	1982	140	236	336	299	212	227	301	300
10 to 19	farms, 1987	34	49	51	52	19	37	47	49
	1982	46	53	54	71	36	37	46	83
	number, 1987	521	667	687	736	268	512	663	706
	1982	894	777	763	1 023	522	528	646	1 204
20 to 49	farms, 1987	92	97	108	182	52	75	100	134
	1982	128	136	129	187	74	106	125	169
	number, 1987	2 990	3 126	3 413	6 008	1 684	2 341	3 051	4 478
	1982	4 130	4 353	4 198	6 478	2 505	3 539	3 919	6 271
50 to 99	farms, 1987	83	59	74	135	23	39	89	140
	1982	97	99	84	191	49	86	95	170
	number, 1987	5 619	4 025	5 162	9 624	(D)	2 666	6 016	9 634
	1982	7 005	6 610	5 662	13 365	3 437	5 827	6 720	11 659
100 to 199	farms, 1987	39	31	40	103	12	48	46	78
	1982	52	49	67	121	33	69	63	111
	number, 1987	5 164	3 901	5 581	13 726	1 738	6 341	6 053	10 665
	1982	6 751	6 863	9 376	16 550	4 199	9 480	8 638	14 237
200 to 499	farms, 1987	12	15	22	21	4	18	30	35
	1982	27	22	28	54	14	29	39	56
	number, 1987	3 719	4 891	6 420	6 316	857	(D)	8 952	9 655
	1982	7 204	6 886	9 104	15 158	4 930	8 266	11 500	16 340
500 or more	farms, 1987	3	10	8	7	4	1	5	10
	1982	7	13	12	13	7	5	25	3
	number, 1987	6 387	6 796	10 910	6 109	(D)	(D)	3 623	9 779
	1982	10 108	16 608	11 384	12 008	8 279	2 671	23 944	2 092
Cows and heifers that had calved	farms, 1987	235	255	225	486	96	136	262	397
	1982	319	349	298	611	160	233	311	576
	number, 1987	8 523	7 163	6 819	16 931	1 856	3 772	8 887	17 179
	1982	12 134	12 823	9 507	25 477	3 556	6 686	12 662	20 345
Beef cows	farms, 1987	229	255	195	476	92	107	247	383
	1982	310	343	249	595	149	181	294	546
	number, 1987	8 123	(D)	5 502	16 595	1 593	2 394	8 432	16 724
	1982	11 873	12 736	7 507	24 629	3 327	4 777	12 014	19 242
1987 farms by inventory:									
1 to 9	farms	31	70	52	73	29	28	41	57
	number	179	323	281	371	137	149	242	300
10 to 19	farms	40	59	47	99	31	30	64	75
	number	549	827	666	1 447	438	381	901	1 029
20 to 49	farms	111	86	66	192	28	41	91	170
	number	3 415	2 487	2 001	5 958	754	1 257	2 722	5 309
50 to 99	farms	37	29	22	94	4	6	33	54
	number	2 441	1 879	1 352	6 273	264	(D)	2 059	3 628
100 to 199	farms	8	9	6	16	-	2	17	20
	number	(D)	1 083	(D)	(D)	-	(D)	(D)	2 354
200 to 499	farms	2	2	2	2	-	-	1	6
	number	(D)	(D)	(D)	(D)	-	-	(D)	(D)
500 or more	farms	-	-	-	-	-	-	-	1
	number	-	-	-	-	-	-	-	(D)
Milk cows	farms, 1987	10	3	33	22	5	31	18	26
	1982	17	12	62	40	16	63	24	52
	number, 1987	400	(D)	1 317	336	263	1 378	455	455
	1982	261	87	2 000	648	229	1 909	648	1 103
1987 farms by inventory:									
1 to 9	farms	4	2	3	13	2	4	5	10
	number	7	(D)	19	53	(D)	23	21	28
10 to 19	farms	-	1	5	4	-	2	2	6
	number	-	(D)	70	69	-	(D)	(D)	80
20 to 49	farms	2	-	16	4	-	11	10	9
	number	(D)	-	554	(D)	-	347	347	(D)
50 to 99	farms	3	-	7	1	2	13	1	1
	number	220	-	(D)	(D)	(D)	830	(D)	(D)
100 to 199	farms	1	-	2	-	1	1	-	-
	number	(D)	-	(D)	-	(D)	(D)	-	-
200 to 499	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
500 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Heifers and heifer calves	farms, 1987	229	239	262	449	121	167	274	389
	1982	307	343	337	546	196	286	333	532
	number, 1987	7 214	7 330	7 955	10 670	4 204	6 180	7 764	12 703
	1982	7 692	11 704	11 932	14 345	6 844	9 371	15 724	13 613
Steers, steer calves, bulls, and bull calves	farms, 1987	255	274	285	494	111	207	308	437
	1982	358	370	370	642	202	335	396	623
	number, 1987	8 957	9 198	17 618	15 196	2 954	8 143	11 697	15 276
	1982	16 206	17 806	19 604	25 059	13 684	14 481	27 282	18 345

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
INVENTORY								
Cattle and calves farms, 1987	369	490	150	384	621	1 047	746	391
1982	461	639	202	540	773	1 130	985	555
number, 1987	18 256	34 299	19 778	42 915	58 270	105 376	59 053	24 063
1982	27 921	47 069	24 305	67 495	81 241	111 886	84 363	34 515
Farms by inventory:								
1 to 9 farms, 1987	59	44	21	22	29	80	67	41
1982	61	48	19	36	57	72	103	55
number, 1987	304	227	93	90	152	433	366	224
1982	304	231	97	153	290	336	494	246
10 to 19 farms, 1987	62	63	14	37	55	97	77	54
1982	67	57	29	38	60	77	89	88
number, 1987	885	882	203	508	770	1 354	1 110	738
1982	970	867	434	557	896	1 095	1 267	1 257
20 to 49 farms, 1987	133	130	39	104	188	239	252	128
1982	154	182	44	116	199	265	286	166
number, 1987	4 376	4 350	1 237	3 508	6 403	7 900	8 327	4 135
1982	4 967	6 234	1 379	4 103	6 652	8 977	9 731	5 430
50 to 99 farms, 1987	70	148	34	95	187	273	172	99
1982	106	211	49	123	210	335	247	147
number, 1987	4 917	10 450	2 250	6 473	13 428	19 312	12 337	6 744
1982	7 650	15 275	3 406	8 334	14 895	23 661	17 398	9 981
100 to 199 farms, 1987	30	79	20	64	100	244	121	50
1982	50	106	23	130	174	245	160	69
number, 1987	4 134	10 485	2 670	8 814	13 564	32 676	16 057	6 417
1982	(D)	(D)	2 972	17 199	23 679	32 951	21 791	8 787
200 to 499 farms, 1987	15	24	15	50	55	93	50	18
1982	22	31	30	82	60	121	85	27
number, 1987	3 640	(D)	4 275	13 974	14 426	25 904	13 611	(D)
1982	6 380	8 697	6 547	24 876	17 389	33 379	23 194	7 176
500 or more farms, 1987	-	2	7	12	7	21	7	1
1982	1	2	8	15	13	15	15	3
number, 1987	-	(D)	8 850	9 548	9 527	17 797	7 245	(D)
1982	(D)	(D)	7 470	12 273	17 240	11 487	10 508	1 638
Cows and heifers that had calved farms, 1987	303	381	91	276	527	844	587	336
1982	377	512	117	360	656	962	778	469
number, 1987	7 464	12 980	3 247	11 067	22 004	36 018	20 220	9 721
1982	10 656	17 607	4 372	15 629	29 205	42 418	30 566	14 298
Beef cows farms, 1987	296	232	79	266	505	681	560	324
1982	358	293	107	348	617	797	729	447
number, 1987	7 100	6 882	2 810	10 552	20 685	26 376	18 717	8 982
1982	10 187	9 461	3 850	14 725	26 804	32 076	27 487	13 346
1987 farms by inventory:								
1 to 9 farms	80	41	20	36	46	97	91	62
number	369	218	93	195	257	510	488	321
10 to 19 farms	81	59	23	46	106	135	135	91
number	1 121	634	316	602	1 541	1 896	1 954	1 297
20 to 49 farms	103	96	24	107	241	272	206	120
number	3 094	2 813	678	3 180	7 418	8 453	6 242	3 579
50 to 99 farms	25	28	7	57	88	130	106	48
number	1 719	1 947	483	3 664	5 675	8 410	6 868	3 125
100 to 199 farms	7	8	3	19	21	41	20	5
number	797	1 070	(D)	(D)	2 563	5 153	(D)	660
200 to 499 farms	-	-	1	-	2	6	2	-
number	-	-	(D)	-	(D)	1 954	(D)	-
500 or more farms	-	-	1	1	1	-	-	-
number	-	-	(D)	(D)	(D)	-	-	-
Milk cows farms, 1987	14	168	13	19	47	235	36	22
1982	34	252	11	28	99	293	68	50
number, 1987	354	6 098	437	515	1 319	9 642	1 503	739
1982	469	8 146	522	904	2 401	10 342	3 079	952
1987 farms by inventory:								
1 to 9 farms	5	12	4	8	15	28	5	10
number	5	60	(D)	14	41	100	14	13
10 to 19 farms	3	24	1	-	3	15	7	4
number	50	335	(D)	-	41	221	101	62
20 to 49 farms	3	92	5	9	18	103	11	5
number	97	3 099	193	(D)	547	3 396	394	154
50 to 99 farms	3	37	3	1	11	80	10	1
number	212	2 268	220	(D)	690	4 760	637	(D)
100 to 199 farms	-	3	-	1	-	8	3	1
number	-	336	-	(D)	-	(D)	357	(D)
200 to 499 farms	-	-	-	-	-	1	-	1
number	-	-	-	-	-	(D)	-	(D)
500 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Heifers and heifer calves farms, 1987	274	363	110	288	500	832	579	294
1982	353	525	134	380	616	920	735	441
number, 1987	4 676	9 255	6 969	10 767	16 499	32 814	16 335	6 705
1982	6 928	13 457	4 765	18 432	22 128	29 515	20 536	9 657
Steers, steer calves, bulls, and bull calves farms, 1987	323	430	119	345	558	885	655	341
1982	408	569	179	466	692	1 008	885	491
number, 1987	6 116	12 064	9 562	21 081	19 767	36 544	22 498	7 637
1982	10 337	16 005	15 168	33 434	29 908	39 953	33 281	10 560

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY								
Cattle and calves farms, 1987	704	670	531	422	537	788	228	500
1982	822	831	[illegible]	581	614	932	306	575
number, 1987	44 479	71 782	38 002	34 963	33 765	46 537	13 375	39 752
1982	54 570	83 773	50 879	55 902	38 949	54 728	20 261	50 168
Farms by inventory:								
1 to 9 farms, 1987	79	83	45	54	79	136	20	37
1982	90	67	59	72	84	173	29	33
number, 1987	389	312	220	222	446	709	106	166
1982	462	340	307	313	462	898	115	160
10 to 19 farms, 1987	89	65	63	57	83	127	35	65
1982	103	64	84	[illegible]	106	148	38	72
number, 1987	1 295	903	915	812	1 167	1 804	450	919
1982	1 426	918	1 202	865	1 522	2 061	506	1 023
20 to 49 farms, 1987	222	148	169	120	155	243	76	145
1982	267	216	196	163	182	284	100	168
number, 1987	7 260	4 947	5 538	4 010	5 013	7 631	2 358	4 771
1982	8 978	7 349	6 534	5 373	5 877	9 471	3 337	5 419
50 to 99 farms, 1987	183	172	140	101	112	174	52	128
1982	187	200	161	139	131	194	76	146
number, 1987	12 670	12 317	9 974	6 979	7 855	12 394	3 521	8 789
1982	12 883	14 187	11 322	9 765	9 189	13 844	5 412	10 076
100 to 199 farms, 1987	100	137	85	55	75	80	37	81
1982	130	179	112	79	77	100	50	100
number, 1987	13 103	18 866	11 381	7 511	9 779	10 669	4 712	10 306
1982	16 752	24 503	14 987	10 419	10 352	13 364	6 684	13 644
200 to 499 farms, 1987	27	62	25	27	31	24	8	39
1982	39	90	48	47	31	28	15	46
number, 1987	7 443	17 486	7 066	8 090	(D)	6 046	2 228	11 424
1982	10 361	26 239	13 147	13 787	8 833	7 465	4 207	12 631
500 or more farms, 1987	4	23	4	8	2	4	-	5
1982	6	15	4	18	3	5	-	10
number, 1987	2 319	16 951	2 908	7 339	(D)	7 284	-	3 355
1982	3 708	10 237	3 380	15 380	2 714	7 625	-	7 195
Cows and heifers that had calved farms, 1987	614	512	466	242	429	613	184	463
1982	689	652	581	322	506	726	240	525
number, 1987	18 060	21 762	17 273	7 784	12 167	16 158	5 750	20 120
1982	20 737	28 718	21 802	10 972	14 472	20 104	7 763	24 988
Beef cows farms, 1987	499	406	458	182	400	508	180	455
1982	578	522	556	243	475	595	237	517
number, 1987	14 393	16 202	16 929	5 384	10 459	12 110	5 559	19 637
1982	17 542	22 702	20 953	8 294	12 500	15 278	7 702	24 475
1987 farms by inventory:								
1 to 9 farms	104	68	52	50	97	147	31	59
number	547	311	265	279	504	734	179	303
10 to 19 farms	121	84	114	56	99	143	38	86
number	1 660	1 157	1 602	756	1 356	1 925	525	1 186
20 to 49 farms	136	144	192	53	158	171	74	176
number	6 161	4 497	5 910	1 625	4 902	5 215	2 163	5 302
50 to 99 farms	61	71	71	15	37	34	32	87
number	3 889	4 510	4 634	978	2 359	2 127	2 001	5 533
100 to 199 farms	16	32	23	5	8	12	4	39
number	(D)	3 899	2 764	596	(D)	(D)	(D)	4 336
200 to 499 farms	1	7	6	2	1	-	1	8
number	(D)	1 828	1 754	(D)	(D)	-	(D)	2 377
500 or more farms	-	-	-	1	-	1	-	-
number	-	-	-	(D)	-	(D)	-	-
Milk cows farms, 1987	131	147	17	71	48	134	9	13
1982	142	184	46	96	73	169	9	25
number, 1987	3 667	5 560	344	2 400	1 708	4 048	191	483
1982	3 195	6 016	849	2 678	1 972	4 826	61	491
1987 farms by inventory:								
1 to 9 farms	17	22	10	11	17	27	5	5
number	63	63	15	29	27	75	7	(D)
10 to 19 farms	42	16	-	11	1	26	1	1
number	602	232	-	161	(D)	350	(D)	(D)
20 to 49 farms	54	63	4	35	15	57	1	3
number	1 662	1 995	140	1 077	561	1 909	(D)	94
50 to 99 farms	14	39	3	12	13	21	2	3
number	903	2 354	189	(D)	820	1 207	(D)	197
100 to 199 farms	4	7	-	1	2	2	-	1
number	437	916	-	(D)	(D)	(D)	-	(D)
200 to 499 farms	-	-	-	1	-	1	-	-
number	-	-	-	(D)	-	(D)	-	-
500 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Heifers and heifer calves farms, 1987	575	507	401	299	399	602	167	408
1982	666	666	512	413	454	736	204	447
number, 1987	10 724	22 201	8 583	9 669	9 663	11 941	3 601	8 832
1982	14 891	25 625	11 022	17 107	9 373	13 152	5 275	11 448
Steers, steer calves, bulls, and bull calves farms, 1987	639	574	489	341	470	675	197	456
1982	742	706	609	484	540	821	274	522
number, 1987	15 695	27 819	12 146	17 510	11 935	18 436	4 024	10 800
1982	18 942	29 430	18 055	27 823	15 104	21 472	7 223	13 754

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY								
Cattle and calves .... farms, 1987	649	685	594	586	464	264	356	318
1982	875	789	749	734	588	352	445	428
number, 1987	69 260	47 676	47 061	35 063	36 041	21 503	35 450	36 886
1982	95 609	66 982	64 775	51 055	48 432	33 257	40 429	58 413
Farms by inventory:								
1 to 9 .... farms, 1987	31	57	49	82	51	25	31	29
1982	44	73	65	76	43	39	51	31
number, 1987	157	298	272	422	275	126	153	146
1982	241	394	285	343	219	196	260	152
10 to 19 .... farms, 1987	65	112	76	72	60	48	40	33
1982	60	100	67	93	64	40	45	39
number, 1987	904	1 559	1 131	967	852	696	562	465
1982	851	1 429	945	1 332	877	571	682	552
20 to 49 .... farms, 1987	169	217	179	201	138	74	96	80
1982	229	205	228	210	181	113	116	111
number, 1987	6 397	7 107	6 106	6 409	4 416	2 373	3 181	2 530
1982	7 616	6 913	7 614	6 964	5 766	3 734	3 922	3 518
50 to 99 .... farms, 1987	161	158	153	128	116	61	96	69
1982	239	208	183	191	154	79	100	87
number, 1987	10 995	11 363	10 514	8 923	7 986	3 968	6 837	4 610
1982	16 336	14 575	12 827	12 659	10 554	5 656	7 045	6 084
100 to 199 .... farms, 1987	113	101	92	75	69	35	53	64
1982	185	144	123	118	99	48	90	93
number, 1987	14 688	13 319	(D)	10 281	9 361	4 639	7 281	8 732
1982	24 996	19 229	16 913	16 313	12 985	6 250	12 209	12 823
200 to 499 .... farms, 1987	68	36	39	27	22	14	32	38
1982	99	53	76	41	38	25	36	60
number, 1987	19 386	10 359	(D)	(D)	6 158	3 831	9 613	11 371
1982	27 170	15 526	19 646	11 394	10 765	7 684	10 764	17 046
500 or more .... farms, 1987	22	4	6	1	8	7	8	5
1982	19	6	7	3	9	8	7	7
number, 1987	16 733	3 871	6 468	(D)	6 993	5 850	7 823	9 030
1982	18 399	8 896	6 545	1 650	7 266	9 166	5 547	16 236
Cows and heifers that had calved .... farms, 1987	401	615	438	475	368	208	215	224
1982	554	708	550	616	492	266	304	304
number, 1987	14 885	21 861	13 612	13 959	11 958	6 932	7 295	9 002
1982	22 829	30 043	18 730	20 949	16 193	10 566	10 476	11 459
Beef cows .... farms, 1987	287	609	402	445	353	203	121	216
1982	408	699	494	567	470	277	186	284
number, 1987	10 335	21 765	12 308	12 625	11 189	6 820	3 412	8 753
1982	16 911	29 624	16 583	18 589	15 363	10 318	5 804	10 947
1987 farms by inventory:								
1 to 9 .... farms	38	106	73	99	75	44	24	30
number	193	547	400	476	413	246	109	151
10 to 19 .... farms	84	143	94	97	85	46	36	46
number	1 186	1 951	1 316	1 380	1 236	617	490	689
20 to 49 .... farms	112	231	170	180	130	72	43	81
number	3 270	7 300	5 184	5 423	4 183	2 121	1 261	2 559
50 to 99 .... farms	35	95	53	58	47	31	13	41
number	2 474	8 224	3 581	3 750	2 846	1 966	892	2 852
100 to 199 .... farms	12	29	10	9	14	7	4	17
number	1 599	3 756	(D)	(D)	(D)	840	(D)	(D)
200 to 499 .... farms	6	4	2	2	2	2	1	1
number	1 613	(D)	(D)	(D)	(D)	(D)	(D)	(D)
500 or more .... farms	-	1	-	-	-	1	-	-
number	-	(D)	-	-	-	(D)	-	-
Milk cows .... farms, 1987	134	22	51	41	21	5	110	13
1982	195	44	79	86	35	15	143	33
number, 1987	4 550	96	1 304	1 334	769	112	3 883	249
1982	5 918	419	2 147	2 360	830	248	4 672	512
1987 farms by inventory:								
1 to 9 .... farms	15	18	16	13	8	2	9	7
number	71	36	48	37	22	(D)	24	15
10 to 19 .... farms	26	4	7	5	1	-	16	1
number	381	60	108	74	(D)	-	242	(D)
20 to 49 .... farms	59	-	20	13	6	3	59	2
number	1 752	-	606	401	182	(D)	1 939	(D)
50 to 99 .... farms	29	-	7	8	4	-	24	3
number	1 687	-	(D)	(D)	315	-	(D)	152
100 to 199 .... farms	5	-	1	2	2	-	2	-
number	659	-	(D)	(D)	(D)	-	(D)	-
200 to 499 .... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
500 or more .... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Heifers and heifer calves .... farms, 1987	451	567	442	452	352	210	269	248
1982	642	648	573	556	461	263	316	328
number, 1987	21 456	12 269	15 238	10 116	7 809	6 585	10 746	8 240
1982	31 108	16 895	16 907	12 169	12 367	6 703	10 680	10 133
Steers, steer calves, bulls, and bull calves .... farms, 1987	539	621	504	521	409	226	299	278
1982	746	719	661	648	530	324	378	383
number, 1987	32 919	13 746	18 231	10 988	16 274	7 986	17 409	19 644
1982	41 672	20 024	29 138	17 937	19 872	15 988	19 273	34 821

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
INVENTORY								
Cattle and calves ......farms, 1987	533	348	377	381	277	578	219	780
1982	594	480	492	529	362	705	343	1 067
number, 1987	41 441	29 584	26 833	54 433	29 424	45 986	18 879	65 592
1982	52 303	49 874	37 912	67 428	39 273	62 537	30 572	124 891
Farms by inventory:								
1 to 9 ......farms, 1987	48	21	45	41	27	39	38	70
1982	46	34	71	45	31	47	29	75
number, 1987	218	111	239	189	167	213	180	330
1982	247	153	327	247	125	265	140	359
10 to 19 ......farms, 1987	70	37	57	35	42	59	22	69
1982	57	34	44	45	49	54	39	79
number, 1987	950	562	783	466	603	816	296	976
1982	784	497	631	659	691	797	566	1 185
20 to 49 ......farms, 1987	155	108	106	107	76	204	55	243
1982	177	120	133	129	106	228	99	257
number, 1987	5 254	3 443	3 431	3 525	2 503	6 905	1 663	7 697
1982	5 694	4 000	4 381	4 256	3 395	7 766	3 239	8 711
50 to 99 ......farms, 1987	133	96	86	94	63	134	44	186
1982	134	126	129	119	65	176	90	278
number, 1987	9 260	6 862	6 190	6 629	4 442	9 580	3 070	13 070
1982	9 237	8 866	9 319	8 215	4 597	12 632	6 137	19 582
100 to 199 ......farms, 1987	93	63	57	65	39	95	38	123
1982	112	108	76	101	60	136	50	242
number, 1987	12 438	8 480	7 241	8 605	5 135	13 099	5 013	16 75
1982	15 079	14 775	10 110	13 716	7 786	16 771	6 524	32 901
200 to 499 ......farms, 1987	28	17	21	25	23	41	18	61
1982	60	50	34	62	39	55	28	103
number, 1987	7 846	4 467	5 863	7 117	6 721	10 432	6 005	18 571
1982	16 276	13 865	9 569	18 089	12 293	15 501	8 644	31 19
500 or more ......farms, 1987	6	6	5	14	7	6	4	2
1982	8	8	5	28	12	9	8	33
number, 1987	5 475	5 659	3 086	27 902	9 853	4 941	2 650	27 98
1982	4 986	7 718	3 575	42 246	10 384	6 805	5 322	30 95
Cows and heifers that had calved ......farms, 1987	459	277	305	236	140	489	123	517
1982	525	354	409	308	194	579	204	69
number, 1987	19 692	10 238	10 452	8 591	3 907	16 745	3 868	17 45
1982	24 906	14 380	14 433	12 162	5 491	20 098	6 321	27 68
Beef cows ......farms, 1987	444	272	279	184	85	480	103	48
1982	500	347	361	250	122	567	175	63
number, 1987	19 008	9 933	9 011	6 869	2 376	16 455	3 178	15 64
1982	23 842	13 931	12 558	10 146	3 713	19 649	5 474	24 40
1987 farms by inventory:								
1 to 9 ......farms	57	29	62	37	25	62	26	6
number	279	147	302	170	115	300	117	32
10 to 19 ......farms	77	59	64	49	30	115	29	13
number	1 090	861	926	734	398	1 597	386	1 89
20 to 49 ......farms	187	114	97	61	15	191	30	18
number	5 917	3 596	3 016	1 678	436	5 649	962	5 58
50 to 99 ......farms	82	54	42	30	11	87	14	7
number	5 555	3 477	2 742	1 604	712	5 734	933	4 96
100 to 199 ......farms	33	15	13	4	3	24	2	1
number	3 887	(D)	(D)	478	(D)	(D)	(D)	(D
200 to 499 ......farms	7	1	1	2	1	1	2	
number	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D
500 or more ......farms	1	-	-	1	-	-	-	
number	(D)	-	-	(D)	-	-	-	
Milk cows ......farms, 1987	29	14	36	62	60	19	22	6
1982	52	27	64	74	84	29	42	9
number, 1987	884	303	1 441	1 722	1 531	290	690	1 81
1982	1 066	449	1 875	2 014	1 778	449	847	3 28
1987 farms by inventory:								
1 to 9 ......farms	11	8	9	5	8	11	-	2
number	36	16	(D)	11	50	20	-	5
10 to 19 ......farms	2	1	2	15	7	4	2	
number	(D)	(D)	(D)	193	103	55	(D)	10
20 to 49 ......farms	9	2	11	33	41	2	17	1
number	296	(D)	350	1 008	1 138	(D)	(D)	42
50 to 99 ......farms	6	2	11	9	4	2	3	1
number	390	(D)	661	510	240	(D)	178	76
100 to 199 ......farms	1	1	3	-	-	-	-	
number	(D)	(D)	381	-	-	-	-	46
200 to 499 ......farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
500 or more ......farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Heifers and heifer calves ......farms, 1987	365	251	288	297	211	474	145	57
1982	458	386	390	395	275	582	238	79
number, 1987	9 678	7 639	6 305	19 224	10 630	11 863	6 616	33 23
1982	12 299	11 757	9 901	37 177	16 936	14 886	9 532	39 02
Steers, steer calves, bulls, and bull calves ......farms, 1987	453	315	334	329	215	535	184	65
1982	526	438	429	434	292	655	294	92
number, 1987	11 871	11 709	10 076	26 618	14 587	17 378	8 395	34 90
1982	15 096	23 737	13 578	38 089	16 846	27 553	14 719	58 17

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
INVENTORY								
Cattle and calves farms, 1987	211	288	772	649	511	340	398	593
1982	310	420	1 020	773	602	516	499	792
number, 1987	17 817	14 334	73 730	52 353	52 034	51 204	30 430	49 837
1982	27 851	21 532	112 964	69 472	68 204	63 948	43 415	78 145
Farms by inventory:								
1 to 9 farms, 1987	42	53	90	56	30	30	62	35
1982	48	96	103	56	29	39	68	57
number, 1987	208	252	465	265	154	155	313	166
1982	252	486	502	312	139	200	373	299
10 to 19 farms, 1987	31	61	103	58	34	38	55	59
1982	42	80	118	62	39	44	69	67
number, 1987	450	807	1 480	825	484	543	787	807
1982	582	1 098	1 678	868	572	620	906	921
20 to 49 farms, 1987	58	89	202	173	132	87	107	199
1982	87	131	266	172	139	146	126	208
number, 1987	1 841	2 714	6 705	5 957	4 444	2 921	3 256	6 731
1982	2 758	4 240	8 676	5 905	4 572	4 740	4 014	7 065
50 to 99 farms, 1987	34	49	165	185	137	72	87	155
1982	54	56	205	245	159	102	99	236
number, 1987	2 420	3 224	11 452	12 852	9 774	4 965	(D)	10 809
1982	3 780	3 881	14 612	17 361	11 267	7 185	7 083	16 391
100 to 199 farms, 1987	24	24	127	125	107	49	49	94
1982	46	40	185	160	143	90	78	144
number, 1987	3 444	3 038	16 830	16 532	14 304	6 941	(D)	11 646
1982	6 310	(D)	25 078	22 015	19 962	12 106	10 371	19 703
200 to 499 farms, 1987	16	11	70	46	63	42	34	39
1982	26	15	113	70	81	59	50	59
number, 1987	4 620	(D)	20 951	12 308	17 388	11 501	10 354	9 941
1982	8 385	4 347	33 964	17 653	22 210	16 568	14 648	16 934
500 or more farms, 1987	5	1	15	6	8	22	4	12
1982	7	2	30	8	12	36	9	21
number, 1987	4 834	(D)	15 847	3 594	5 486	24 178	3 403	9 737
1982	5 784	(D)	26 454	5 358	9 482	42 529	6 020	16 832
Cows and heifers that had calved farms, 1987	118	227	580	537	469	245	295	442
1982	173	315	742	672	550	354	350	597
number, 1987	2 815	6 096	20 545	20 335	25 966	9 833	8 864	14 292
1982	3 859	7 516	25 219	27 905	31 007	15 783	11 741	21 382
Beef cows farms, 1987	113	216	568	521	461	229	261	420
1982	160	299	713	647	541	326	297	565
number, 1987	2 523	5 690	19 993	19 196	25 326	8 852	6 533	13 600
1982	3 366	6 805	23 981	26 482	29 877	14 431	8 703	20 434
1987 farms by inventory:								
1 to 9 farms	41	69	122	73	40	50	77	52
number	215	368	640	406	197	258	443	269
10 to 19 farms	32	63	120	84	60	45	75	101
number	424	855	1 620	1 195	875	623	1 018	1 450
20 to 49 farms	32	56	201	225	177	83	83	186
number	977	1 693	5 950	6 907	5 710	2 527	2 630	5 642
50 to 99 farms	5	19	89	112	114	37	17	63
number	409	1 238	5 711	7 057	7 463	2 624	1 045	3 854
100 to 199 farms	2	6	30	25	58	10	8	16
number	(D)	645	3 817	(D)	7 094	1 261	(D)	(D)
200 to 499 farms	1	3	5	2	11	3	1	2
number	(D)	891	(D)	(D)	(D)	(D)	(D)	(D)
500 or more farms	-	-	1	-	1	1	-	-
number	-	-	(D)	-	(D)	(D)	-	-
Milk cows farms, 1987	10	14	24	40	23	30	40	26
1982	20	23	49	60	45	35	66	48
number, 1987	292	406	552	1 139	640	981	2 331	692
1982	493	711	1 238	1 423	1 130	1 352	3 038	928
1987 farms by inventory:								
1 to 9 farms	3	3	12	13	12	8	5	3
number	3	(D)	20	45	25	9	(D)	4
10 to 19 farms	2	1	-	2	-	6	1	3
number	(D)	(D)	-	(D)	-	73	(D)	36
20 to 49 farms	3	9	7	18	4	10	17	18
number	83	319	217	547	133	363	552	(D)
50 to 99 farms	2	1	5	6	7	4	11	2
number	(D)	(D)	315	397	482	(D)	768	(D)
100 to 199 farms	-	-	-	1	-	2	5	-
number	-	-	-	(D)	-	(D)	629	-
200 to 499 farms	-	-	-	-	-	-	1	-
number	-	-	-	-	-	-	(D)	-
500 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Heifers and heifer calves farms, 1987	141	202	618	512	400	257	304	430
1982	215	298	805	606	472	385	380	609
number, 1987	7 114	3 774	24 242	13 504	11 173	17 543	9 949	11 237
1982	9 899	5 043	34 773	16 587	14 988	26 969	13 656	19 617
Steers, steer calves, bulls, and bull calves farms, 1987	163	239	676	584	461	279	336	535
1982	235	375	916	713	547	451	420	715
number, 1987	7 888	4 464	28 943	18 514	14 895	23 828	11 617	24 308
1982	14 093	8 973	52 972	24 980	22 209	41 196	18 018	37 186

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warre
INVENTORY								
Cattle and calves farms, 1987	894	266	702	513	479	475	477	7
1982	1 196	375	862	632	568	588	550	9
number, 1987	178 525	20 355	47 664	40 041	45 072	29 876	25 907	47 4
1982	213 834	29 505	64 379	56 555	58 920	39 266	31 419	60 0
Farms by inventory:								
1 to 9 farms, 1987	68	46	67	37	58	41	81	1
1982	76	63	66	39	51	57	83	1
number, 1987	335	244	350	167	293	227	435	5
1982	437	303	340	193	265	301	383	6
10 to 19 farms, 1987	87	40	94	41	46	71	86	1
1982	80	46	102	44	42	72	86	1
number, 1987	1 164	571	1 326	580	626	1 019	1 189	1 8
1982	1 144	635	1 464	616	591	1 102	1 196	1 9
20 to 49 farms, 1987	172	72	226	150	130	174	156	2
1982	232	117	254	174	134	197	197	2
number, 1987	5 662	2 280	7 346	5 076	4 304	5 827	4 881	7 5
1982	7 645	3 783	8 723	5 831	4 407	6 310	6 368	8 4
50 to 99 farms, 1987	171	60	182	160	94	99	93	1
1982	243	73	249	183	141	152	98	2
number, 1987	12 051	3 994	13 142	11 058	6 855	6 992	6 170	12 2
1982	16 560	5 147	17 143	13 156	10 127	10 800	6 793	15 0
100 to 199 farms, 1987	186	27	102	85	99	64	42	
1982	272	41	137	138	128	78	63	1
number, 1987	22 171	3 730	13 976	11 650	13 506	8 451	5 577	12 8
1982	37 384	5 455	18 483	19 099	17 571	(D)	8 435	17 3
200 to 499 farms, 1987	153	16	24	38	44	25	16	
1982	208	26	46	46	64	31	20	
number, 1987	46 319	4 939	6 651	(D)	12 203	(D)	4 990	8 0
1982	63 703	7 083	13 051	12 190	18 341	8 881	5 896	11 4
500 or more farms, 1987	77	5	7	2	8	1	3	
1982	85	9	8	8	8	1	3	
number, 1987	90 823	4 597	4 873	(D)	7 285	(D)	2 665	4 1
1982	86 961	7 099	5 175	5 470	7 618	(D)	2 348	5 2
Cows and heifers that had calved farms, 1987	405	183	569	461	431	447	417	6
1982	579	251	695	564	493	536	472	8
number, 1987	16 660	4 750	18 354	18 377	20 855	15 179	11 994	21 7
1982	24 034	6 483	23 689	24 549	25 192	19 305	14 356	27 1
Beef cows farms, 1987	232	169	526	455	422	426	400	6
1982	329	236	651	555	485	510	455	7
number, 1987	9 256	3 917	16 517	18 185	20 631	14 685	11 360	20 5
1982	12 512	5 773	21 684	24 202	24 877	18 550	13 801	24 9
1987 farms by inventory:								
1 to 9 farms	60	50	85	53	66	67	115	1
number	305	285	443	233	289	347	592	8
10 to 19 farms	52	49	138	87	79	98	104	1
number	735	668	1 933	1 257	1 115	1 377	1 439	2 0
20 to 49 farms	70	57	200	193	136	163	134	2
number	2 120	1 733	6 058	6 228	4 456	5 066	4 162	7 4
50 to 99 farms	29	10	83	90	96	78	31	
number	1 948	657	5 181	5 945	6 681	5 168	2 009	5 5
100 to 199 farms	13	1	16	30	36	18	11	
number	1 745	(D)	1 983	(D)	4 899	(D)	1 458	3 7
200 to 499 farms	7	2	4	1	8	2	4	
number	(D)	(D)	919	(D)	(D)	(D)	(D)	9
500 or more farms	1	-	-	1	1	-	1	
number	(D)	-	-	(D)	(D)	-	(D)	
Milk cows farms, 1987	185	15	64	24	24	40	30	
1982	272	19	81	40	31	68	46	
number, 1987	9 404	833	1 837	192	224	494	634	1 2
1982	11 522	710	2 005	347	315	755	555	2 1
1987 farms by inventory:								
1 to 9 farms	16	3	15	18	16	24	14	
number	49	14	33	(D)	(D)	75	32	(
10 to 19 farms	17	-	9	1	2	8	2	
number	238	-	113	(D)	(D)	111	(D)	(
20 to 49 farms	89	9	30	4	6	6	11	
number	3 015	284	981	90	166	(D)	289	6
50 to 99 farms	45	2	9	1	-	2	2	
number	3 086	(D)	(D)	(D)	-	(D)	(D)	4
100 to 199 farms	14	-	1	-	-	-	1	
number	1 805	-	(D)	-	-	-	(D)	(
200 to 499 farms	4	1	-	-	-	-	-	
number	1 211	(D)	-	-	-	-	-	
500 or more farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Heifers and heifer calves farms, 1987	640	209	505	423	364	367	386	6
1982	879	284	668	507	451	460	456	7
number, 1987	72 525	7 620	10 748	9 780	10 435	6 957	5 866	13 2
1982	90 758	9 214	17 420	13 033	14 021	9 124	7 880	16 4
Steers, steer calves, bulls, and bull calves farms, 1987	691	231	610	466	420	423	415	6
1982	956	317	773	577	510	533	498	8
number, 1987	87 340	7 985	18 562	11 884	13 782	7 740	8 047	12 4
1982	99 042	13 808	23 270	18 973	19 707	10 857	9 183	16 5

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY									
Cattle and calves	farms, 1987	481	509	231	159	1 217	596	228	143
	1982	603	610	360	221	1 388	848	298	212
	number, 1987	30 074	44 170	12 135	9 127	103 658	74 222	13 566	8 914
	1982	43 737	60 563	22 155	12 674	124 739	106 604	17 245	16 565
Farms by inventory:									
1 to 9	farms, 1987	51	35	60	30	65	61	45	30
	1982	73	38	83	39	70	69	58	33
	number, 1987	247	157	316	145	335	293	265	134
	1982	303	232	406	208	387	345	273	156
10 to 19	farms, 1987	52	47	33	20	103	75	26	27
	1982	66	46	63	38	95	87	47	33
	number, 1987	764	678	441	271	1 459	1 062	365	367
	1982	905	629	872	528	1 359	1 238	706	465
20 to 49	farms, 1987	155	131	67	50	284	167	82	52
	1982	172	142	102	57	290	221	84	78
	number, 1987	5 036	4 323	2 035	1 686	9 245	5 443	2 627	1 639
	1982	5 612	4 917	3 326	1 865	9 844	7 457	2 839	2 517
50 to 99	farms, 1987	142	130	38	35	357	143	42	7
	1982	160	173	51	48	453	205	64	27
	number, 1987	9 965	9 092	2 472	(D)	25 373	10 016	3 119	548
	1982	11 269	12 256	3 575	3 164	32 294	14 375	4 366	1 836
100 to 199	farms, 1987	60	123	26	19	323	83	25	15
	1982	84	151	34	29	375	122	28	19
	number, 1987	8 223	16 316	3 540	2 440	43 118	(D)	3 374	1 996
	1982	10 912	20 437	4 585	3 775	50 229	16 276	(D)	2 630
200 to 499	farms, 1987	21	41	4	3	81	38	7	9
	1982	44	50	23	10	102	105	16	16
	number, 1987	5 839	(D)	1 166	(D)	19 950	(D)	(D)	2 391
	1982	12 507	14 446	6 300	3 134	27 594	29 896	3 917	4 664
500 or more	farms, 1987	-	2	3	2	4	29	1	3
	1982	4	10	4	-	3	39	1	6
	number, 1987	-	(D)	2 163	(D)	4 176	35 958	(D)	1 837
	1982	2 229	7 646	3 091	-	3 032	37 017	(D)	4 285
Cows and heifers that had calved	farms, 1987	383	447	161	109	988	449	169	64
	1982	478	553	278	155	1 219	616	217	109
	number, 1987	11 752	21 243	3 836	2 879	42 316	16 533	4 012	1 586
	1982	16 474	29 448	6 918	4 443	51 367	29 175	6 942	2 674
Beef cows	farms, 1987	334	439	157	69	522	429	150	55
	1982	419	536	262	109	641	592	180	101
	number, 1987	10 748	20 557	3 638	1 479	16 017	16 162	2 902	1 313
	1982	15 361	28 446	6 458	2 892	21 175	28 112	5 365	2 347
1987 farms by inventory:									
1 to 9	farms	51	38	59	16	83	72	42	22
	number	295	204	285	89	459	401	187	120
10 to 19	farms	73	66	34	22	134	98	49	16
	number	1 034	966	471	279	1 916	1 369	651	216
20 to 49	farms	149	167	49	29	213	172	50	11
	number	4 577	5 360	1 390	(D)	6 560	5 437	1 443	(D)
50 to 99	farms	48	127	12	1	73	58	8	4
	number	2 966	8 438	832	(D)	4 570	3 753	(D)	(D)
100 to 199	farms	11	37	2	-	16	21	1	1
	number	(D)	4 380	(D)	-	1 859	2 800	(D)	(D)
200 to 499	farms	2	4	1	1	3	6	-	1
	number	(D)	1 189	(D)	(D)	653	(D)	-	(D)
500 or more	farms	-	-	-	-	-	2	-	-
	number	-	-	-	-	-	(D)	-	-
Milk cows	farms, 1987	64	23	9	48	570	32	29	9
	1982	84	49	24	61	743	54	50	11
	number, 1987	1 004	686	196	1 400	26 299	351	1 110	273
	1982	1 113	1 002	460	1 551	30 192	1 063	1 577	327
1987 farms by inventory:									
1 to 9	farms	24	5	4	4	32	22	1	2
	number	54	(D)	6	18	120	53	(D)	(D)
10 to 19	farms	16	3	1	13	37	3	10	2
	number	247	(D)	(D)	206	496	46	(D)	(D)
20 to 49	farms	20	11	2	24	274	5	11	2
	number	(D)	340	(D)	729	9 602	(D)	318	(D)
50 to 99	farms	2	4	2	7	200	2	3	3
	number	(D)	281	(D)	447	12 750	(D)	236	189
100 to 199	farms	-	-	-	-	24	-	4	-
	number	-	-	-	-	2 670	-	421	-
200 to 499	farms	-	-	-	-	3	-	-	-
	number	-	-	-	-	661	-	-	-
500 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Heifers and heifer calves	farms, 1987	385	402	175	132	996	463	178	98
	1982	483	485	286	167	1 206	650	230	160
	number, 1987	8 045	10 729	3 163	3 108	31 541	24 017	3 769	4 002
	1982	11 417	14 575	6 557	3 649	35 781	27 254	4 152	4 734
Steers, steer calves, bulls, and bull calves	farms, 1987	431	451	203	129	1 037	536	204	113
	1982	525	546	317	183	1 186	750	269	170
	number, 1987	10 277	12 198	5 136	3 140	29 801	33 672	5 785	3 326
	1982	15 846	16 540	8 680	4 582	37 591	50 175	6 151	9 147

Table 11. Cattle and Calves—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Bent
SALES							
Dairy products sold farms, 1987	7 048	28	9	436	24	14	
1982	8 850	45	15	491	26	28	
$1,000, 1987	392 284	1 051	230	29 620	680	492	3 2
1982	426 730	1 377	491	28 957	923	946	3 6
Cattle and calves sold farms, 1987	50 509	679	471	876	664	421	6
1982	62 765	822	562	983	685	571	6
number, 1987	3 539 020	38 670	25 871	40 002	28 979	41 064	62 1
1982	4 595 676	48 497	35 069	44 254	27 867	60 235	56 6
$1,000, 1987	2 124 641	22 192	13 645	19 271	12 051	25 608	40 6
1982	2 500 175	23 897	17 915	17 904	9 742	34 965	31 3
1987 farms by number sold:							
1 to 9 farms	9 997	88	67	94	145	68	1
number	50 706	434	421	529	723	361	7
10 to 19 farms	10 678	124	91	171	115	60	1
number	149 712	1 788	1 318	2 410	1 595	816	2 1
20 to 49 farms	16 239	259	173	363	234	147	2
number	505 387	8 105	5 525	11 393	7 711	4 847	7 3
50 to 99 farms	7 185	120	87	166	112	69	
number	487 377	8 350	5 937	11 216	7 914	4 688	5 1
100 to 199 farms	3 336	56	35	81	41	31	
number	446 583	(D)	4 482	7 708	5 026	4 281	4 1
200 to 499 farms	2 052	27	12	22	13	26	
number	605 600	(D)	3 422	(D)	3 025	6 896	7 5
500 or more farms	1 022	5	6	1	4	20	
number	1 293 655	5 359	4 766	(D)	2 985	19 175	35 1
Calves sold farms, 1987	16 116	193	161	373	354	98	1
1982	21 612	290	205	453	383	148	2
number, 1987	355 396	4 777	4 844	8 210	9 517	2 215	2 7
1982	494 753	7 467	6 600	11 152	10 331	4 710	5 2
$1,000, 1987	101 352	1 626	1 570	2 246	2 850	725	8
1982	122 433	2 049	1 733	2 475	2 677	1 278	1 2
1987 farms by number sold:							
1 to 9 farms	6 057	62	33	96	124	42	
number	26 638	238	157	471	492	168	2
10 to 19 farms	4 373	44	45	127	77	18	
number	59 443	610	626	1 721	1 048	229	7
20 to 49 farms	4 340	66	54	120	112	24	
number	125 659	1 890	1 661	3 356	3 592	672	1 0
50 to 99 farms	960	16	22	21	33	13	
number	62 243	1 185	1 546	1 379	2 263	(D)	(
100 to 199 farms	276	4	7	9	3	-	
number	34 689	(D)	654	1 283	300	-	(
200 to 499 farms	81	1	-	-	4	1	
number	22 165	(D)	-	-	(D)	(D)	
500 or more farms	29	-	-	-	1	-	
number	24 559	-	-	-	(D)	-	
Cattle sold farms, 1987	43 833	592	396	768	501	389	6
1982	53 792	698	458	832	515	500	7
number, 1987	3 183 624	33 893	21 027	31 792	19 462	38 849	59 4
1982	4 100 923	41 030	28 489	33 102	17 536	55 525	51 4
$1,000, 1987	2 023 290	20 564	12 075	17 025	9 200	24 883	40 0
1982	2 377 742	21 848	16 181	15 430	7 065	33 687	30 1
1987 farms by number sold:							
1 to 9 farms	10 808	95	89	155	157	64	1
number	50 980	395	515	808	686	360	7
10 to 19 farms	8 851	115	64	157	78	44	1
number	122 463	1 626	912	2 174	1 029	612	1 6
20 to 49 farms	12 448	204	131	252	143	133	1
number	386 556	6 447	4 083	7 787	4 590	4 428	5 9
50 to 99 farms	5 856	98	72	132	87	54	
number	398 851	8 846	4 787	8 860	6 105	3 740	4 7
100 to 199 farms	2 967	51	24	55	24	30	
number	398 311	(D)	3 153	6 976	2 949	4 271	3 7
200 to 499 farms	1 923	24	10	16	9	24	
number	569 886	(D)	2 890	(D)	2 203	6 288	7 3
500 or more farms	980	5	6	1	3	20	
number	1 256 577	5 359	4 687	(D)	1 900	19 150	35 1
Cattle fattened on grain and concentrates sold farms, 1987	22 503	305	144	213	101	237	3
1982	28 535	397	214	216	106	331	4
number, 1987	2 405 669	22 410	11 638	12 367	3 992	33 228	50 7
1982	3 140 912	27 733	18 149	12 687	4 309	42 795	42 1
$1,000, 1987	1 643 176	14 874	7 991	7 895	2 260	22 295	35 5
1982	1 966 120	16 393	11 967	7 113	2 371	27 677	26 0
1987 farms by number sold:							
1 to 9 farms	4 447	34	21	32	34	32	
number	20 705	145	105	155	144	184	3
10 to 19 farms	3 847	36	16	37	17	26	
number	53 578	518	236	510	256	359	9
20 to 49 farms	6 270	112	58	71	19	78	1
number	196 879	3 588	1 823	2 204	572	2 654	3 4
50 to 99 farms	3 433	66	26	41	20	38	
number	236 926	4 681	1 786	3 029	1 298	2 639	4 0
100 to 199 farms	2 044	37	10	20	6	24	
number	278 518	5 249	1 184	2 528	643	3 453	2 1
200 to 499 farms	1 596	15	7	11	5	20	
number	477 160	4 220	1 617	(D)	1 079	5 454	6 4
500 or more farms	866	5	6	1	-	19	
number	1 141 903	4 009	4 687	(D)	-	18 485	33 3

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
SALES							
Dairy products sold .... farms, 1987	81	13	242	248	13	110	3
1982	116	21	297	262	11	166	10
$1,000, 1987	4 284	517	12 875	7 327	573	4 529	137
1982	5 474	773	14 420	7 497	865	6 298	359
Cattle and calves sold .... farms, 1987	413	318	543	646	242	562	247
1982	552	445	687	718	380	750	403
number, 1987	17 095	23 077	19 257	29 072	34 767	25 773	25 467
1982	23 601	31 776	19 971	30 409	43 961	30 817	49 917
$1,000, 1987	9 813	14 859	10 864	16 911	23 787	16 683	16 338
1982	12 837	18 409	10 464	16 930	27 429	16 587	26 124
1987 farms by number sold:							
1 to 9 .... farms	118	89	140	207	59	120	62
number	637	412	699	1 073	304	591	295
10 to 19 .... farms	115	71	156	193	37	158	52
number	1 586	985	2 175	2 629	527	2 202	693
20 to 49 .... farms	102	78	170	146	50	180	65
number	3 082	2 475	5 071	4 375	1 517	5 487	1 944
50 to 99 .... farms	50	25	50	43	38	58	28
number	3 536	1 872	3 199	2 881	2 640	3 926	1 970
100 to 199 .... farms	15	23	16	36	23	24	11
number	2 107	2 972	2 309	5 045	3 205	3 300	1 431
200 to 499 .... farms	10	23	7	16	24	15	13
number	3 057	6 819	2 260	4 406	7 339	4 257	3 696
500 or more .... farms	3	9	4	5	11	7	16
number	3 090	7 542	3 524	6 663	19 235	6 010	15 438
Calves sold .... farms, 1987	119	76	212	279	27	139	58
1982	148	109	286	257	62	237	102
number, 1987	2 716	964	3 064	3 574	783	2 316	1 153
1982	2 356	2 356	3 167	3 151	1 499	3 766	2 167
$1,000, 1987	631	295	455	793	192	556	349
1982	540	602	496	726	472	796	569
1987 farms by number sold:							
1 to 9 .... farms	56	44	89	165	10	62	22
number	251	156	423	785	35	253	78
10 to 19 .... farms	28	18	71	70	9	48	14
number	372	245	906	928	115	665	167
20 to 49 .... farms	28	12	46	35	4	21	18
number	770	(D)	1 287	964	103	520	467
50 to 99 .... farms	5	1	5	5	1	5	5
number	(D)	(D)	(D)	376	(D)	390	(D)
100 to 199 .... farms	1	1	1	4	2	2	1
number	(D)	(D)	(D)	521	(D)	(D)	(D)
200 to 499 .... farms	-	-	-	-	1	1	-
number	-	-	-	-	(D)	(D)	-
500 or more .... farms	1	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
Cattle sold .... farms, 1987	368	290	489	537	230	509	217
1982	506	401	616	631	356	662	344
number, 1987	14 379	22 113	16 193	25 498	33 984	23 457	24 314
1982	21 245	29 420	16 804	27 258	42 462	27 031	47 730
$1,000, 1987	8 982	14 564	10 209	16 117	23 596	16 128	15 989
1982	12 297	17 807	9 968	16 204	26 957	15 791	27 555
1987 farms by number sold:							
1 to 9 .... farms	120	94	173	214	61	130	60
number	589	429	786	979	311	648	292
10 to 19 .... farms	104	52	131	135	34	132	47
number	1 400	725	1 752	1 788	499	1 783	608
20 to 49 .... farms	74	67	119	100	42	152	50
number	2 164	2 092	3 435	3 020	1 326	4 719	1 499
50 to 99 .... farms	44	22	43	34	38	55	21
number	3 101	1 670	2 634	2 241	2 657	3 686	1 576
100 to 199 .... farms	15	24	12	33	22	19	11
number	2 056	3 092	1 782	4 651	3 120	2 556	1 485
200 to 499 .... farms	9	22	7	17	22	14	12
number	(D)	6 563	2 280	4 856	6 836	4 051	3 416
500 or more .... farms	2	9	4	4	11	7	16
number	(D)	7 542	3 524	7 963	19 235	6 010	15 438
Cattle fattened on grain and concentrates sold .... farms, 1987	219	172	244	272	171	331	128
1982	301	243	297	339	273	384	236
number, 1987	10 583	18 196	11 179	16 978	30 384	18 668	21 194
1982	16 402	24 757	11 248	21 547	38 353	21 600	41 408
$1,000, 1987	7 175	12 718	7 473	12 889	21 733	13 531	14 536
1982	10 059	15 474	7 224	13 753	24 960	13 357	24 756
1987 farms by number sold:							
1 to 9 .... farms	67	50	74	83	39	82	35
number	330	222	336	375	183	433	163
10 to 19 .... farms	53	27	65	53	24	79	14
number	748	376	880	708	349	1 066	171
20 to 49 .... farms	48	32	67	60	36	97	26
number	1 350	1 024	2 033	1 793	1 205	3 043	853
50 to 99 .... farms	31	16	20	25	24	39	16
number	2 208	1 302	1 241	1 656	1 641	2 744	1 182
100 to 199 .... farms	10	18	8	31	19	14	9
number	1 248	2 352	1 105	4 411	2 710	(D)	1 233
200 to 499 .... farms	6	21	6	16	19	15	12
number	(D)	6 228	2 060	4 572	5 968	(D)	3 466
500 or more .... farms	2	8	4	4	10	5	14
number	(D)	6 692	3 524	5 463	18 328	4 988	14 146

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw
SALES						
Dairy products sold .... farms, 1987..	20	20	35	24	45	163
1982..	34	41	63	18	47	189
$1,000, 1987..	646	866	1 663	934	1 724	7 775
1982..	(D)	1 379	2 646	792	1 840	7 454
Cattle and calves sold .... farms, 1987..	597	534	520	226	499	535
1982..	793	694	615	318	690	643
number, 1987..	108 144	45 482	32 732	9 038	61 876	31 751
1982..	156 944	57 001	36 970	15 178	86 871	32 391
$1,000, 1987..	67 065	28 169	20 473	5 684	39 977	19 660
1982..	91 858	30 968	21 454	8 285	56 014	17 822
1987 farms by number sold:						
1 to 9 .... farms..	65	82	100	74	68	119
number..	308	334	556	336	355	657
10 to 19 .... farms..	88	83	105	47	86	130
number..	1 247	1 248	1 468	648	1 192	1 841
20 to 49 .... farms..	182	192	136	69	143	181
number..	5 607	6 008	4 296	2 131	4 324	5 388
50 to 99 .... farms..	103	95	107	20	78	55
number..	7 014	6 810	7 278	1 341	5 214	3 733
100 to 199 .... farms..	61	42	41	10	53	23
number..	8 458	5 975	(D)	1 330	6 981	3 081
200 to 499 .... farms..	58	22	25	3	48	16
number..	16 765	6 702	(D)	726	14 089	5 373
500 or more .... farms..	40	18	4	3	23	11
number..	68 745	18 405	5 425	2 527	29 721	11 678
Calves sold .... farms, 1987..	102	154	113	47	87	169
1982..	163	195	182	84	131	223
number, 1987..	5 966	3 848	1 953	613	1 903	2 929
1982..	7 937	4 854	3 198	1 693	3 205	3 612
$1,000, 1987..	2 170	1 165	547	175	618	534
1982..	2 421	1 353	851	431	969	863
1987 farms by number sold:						
1 to 9 .... farms..	29	51	34	27	33	68
number..	90	223	148	125	143	297
10 to 19 .... farms..	28	39	43	11	28	56
number..	369	563	560	156	388	767
20 to 49 .... farms..	34	46	30	8	18	36
number..	(D)	1 394	848	(D)	514	950
50 to 99 .... farms..	2	11	6	1	4	6
number..	(D)	728	397	(D)	236	357
100 to 199 .... farms..	3	6	-	-	4	2
number..	319	(D)	-	-	622	(D)
200 to 499 .... farms..	3	1	-	-	-	1
number..	895	(D)	-	-	-	(D)
500 or more .... farms..	3	-	-	-	-	-
number..	3 126	-	-	-	-	-
Cattle sold .... farms, 1987..	545	460	471	204	462	488
1982..	715	618	533	288	643	565
number, 1987..	102 178	41 634	30 779	8 425	59 973	28 822
1982..	149 007	52 147	33 772	13 485	83 666	28 779
$1,000, 1987..	64 895	27 004	19 926	5 509	39 359	19 126
1982..	89 437	29 616	20 603	7 854	55 045	16 958
1987 farms by number sold:						
1 to 9 .... farms..	62	84	100	72	66	139
number..	298	309	524	295	351	708
10 to 19 .... farms..	84	78	88	34	73	122
number..	1 216	1 150	1 215	471	1 035	1 659
20 to 49 .... farms..	147	143	121	66	131	132
number..	4 536	4 530	3 873	2 067	3 971	3 932
50 to 99 .... farms..	100	78	94	17	72	51
number..	6 739	5 641	6 394	1 175	4 724	3 396
100 to 199 .... farms..	60	37	39	10	52	18
number..	8 262	5 309	(D)	(D)	6 814	2 526
200 to 499 .... farms..	56	22	25	2	45	15
number..	16 300	6 498	(D)	(D)	13 357	5 023
500 or more .... farms..	36	18	4	3	23	11
number..	64 827	18 197	5 425	2 527	29 721	11 578
Cattle fattened on grain and concentrates sold .... farms, 1987..	375	284	340	136	311	269
1982..	483	374	387	178	428	263
number, 1987..	93 848	34 783	26 408	6 074	51 240	22 266
1982..	134 875	40 607	26 919	9 483	71 244	20 924
$1,000, 1987..	61 040	23 591	17 905	4 209	34 833	15 707
1982..	82 642	25 121	17 527	5 948	49 096	12 741
1987 farms by number sold:						
1 to 9 .... farms..	29	44	70	42	39	72
number..	143	181	335	189	219	368
10 to 19 .... farms..	42	44	54	24	41	63
number..	575	633	772	305	593	869
20 to 49 .... farms..	93	73	78	48	87	63
number..	2 853	2 365	2 450	1 439	2 729	1 842
50 to 99 .... farms..	77	57	82	12	46	32
number..	5 368	4 260	5 549	851	3 041	2 206
100 to 199 .... farms..	50	30	30	6	40	16
number..	6 906	4 390	(D)	808	5 150	2 277
200 to 499 .... farms..	49	19	24	2	38	14
number..	14 080	5 380	(D)	(D)	11 735	4 703
500 or more .... farms..	35	17	4	2	20	9
number..	63 923	17 574	5 425	(D)	27 773	10 001

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
SALES							
Dairy products sold .... farms, 1987	10	682	59	41	9	83	15
1982	23	758	88	70	10	99	18
$1,000, 1987	210	41 947	3 511	1 369	343	2 032	776
1982	700	41 643	4 301	2 055	(D)	3 080	627
Cattle and calves sold .... farms, 1987	274	1 287	688	701	397	637	498
1982	444	1 447	808	1 039	517	706	573
number, 1987	32 497	52 096	61 373	59 583	19 134	21 847	31 828
1982	53 776	54 879	73 059	76 775	34 354	25 756	44 105
$1,000, 1987	20 793	24 903	38 945	35 785	11 787	9 673	14 994
1982	32 716	22 446	42 858	42 395	16 598	9 554	16 283
1987 farms by number sold:							
1 to 9 .... farms	53	188	136	115	108	149	77
number	229	977	656	669	476	762	413
10 to 19 .... farms	53	322	124	151	102	156	91
number	732	4 519	1 649	2 172	1 413	2 173	1 338
20 to 49 .... farms	83	499	169	261	117	209	185
number	2 575	15 290	5 380	8 134	3 417	6 572	5 924
50 to 99 .... farms	27	189	106	130	40	83	80
number	1 888	12 327	7 246	8 864	2 678	5 349	5 425
100 to 199 .... farms	19	66	66	75	12	33	46
number	2 557	8 472	9 438	9 624	1 534	4 077	6 394
200 to 499 .... farms	21	18	67	43	11	6	12
number	5 792	5 319	21 273	13 007	3 507	(D)	3 067
500 or more .... farms	18	5	20	16	7	1	7
number	18 724	5 202	15 751	16 913	6 109	(D)	9 267
Calves sold .... farms, 1987	58	699	95	190	133	334	228
1982	114	803	179	295	172	386	270
number, 1987	2 637	13 826	2 993	5 211	1 925	7 130	6 485
1982	3 477	16 676	4 223	8 014	3 238	8 776	8 101
$1,000, 1987	730	2 789	880	1 553	606	2 340	2 172
1982	896	2 864	1 021	2 144	870	2 161	2 174
1987 farms by number sold:							
1 to 9 .... farms	21	223	35	67	74	137	68
number	99	1 113	127	286	288	672	309
10 to 19 .... farms	17	225	22	39	38	73	31
number	241	3 037	317	545	502	1 040	448
20 to 49 .... farms	13	211	28	55	14	91	92
number	434	5 919	816	1 609	407	2 772	2 821
50 to 99 .... farms	2	27	6	21	5	23	31
number	(D)	1 776	444	1 409	(D)	1 475	2 071
100 to 199 .... farms	1	11	1	7	1	10	5
number	(D)	(D)	(D)	(D)	(D)	1 171	(D)
200 to 499 .... farms	2	2	2	1	1	-	1
number	(D)	(D)	(D)	(D)	(D)	-	(D)
500 or more .... farms	2	-	1	-	-	-	-
number	(D)	-	(D)	-	-	-	-
Cattle sold .... farms, 1987	243	1 117	647	699	324	494	403
1982	400	1 207	719	916	457	564	447
number, 1987	29 860	36 270	58 380	54 372	17 209	14 717	25 343
1982	50 299	38 203	68 836	68 761	31 116	16 982	36 004
$1,000, 1987	20 063	22 114	38 065	34 231	11 181	7 333	12 822
1982	31 820	19 582	41 837	40 251	17 729	7 393	14 109
1987 farms by number sold:							
1 to 9 .... farms	51	310	136	112	95	168	97
number	209	1 603	642	594	405	754	486
10 to 19 .... farms	41	312	112	136	76	115	79
number	561	4 233	1 480	1 968	1 045	1 554	1 150
20 to 49 .... farms	74	314	156	216	90	136	133
number	2 324	9 395	4 978	6 755	2 719	4 081	4 160
50 to 99 .... farms	23	110	94	114	34	46	41
number	1 574	7 254	6 473	7 864	2 321	3 053	2 681
100 to 199 .... farms	21	52	65	64	11	22	35
number	2 844	6 628	9 229	8 354	1 423	2 576	4 762
200 to 499 .... farms	17	15	65	42	12	6	11
number	4 624	4 455	20 392	12 606	3 723	(D)	2 842
500 or more .... farms	16	4	19	15	6	1	7
number	17 724	4 702	15 186	16 231	5 573	(D)	9 262
Cattle fattened on grain and concentrates sold .... farms, 1987	150	342	476	420	165	101	73
1982	271	315	571	570	224	151	86
number, 1987	32 412	19 683	50 447	43 126	11 549	3 054	5 988
1982	44 641	18 272	60 387	54 957	23 645	4 567	6 038
$1,000, 1987	15 466	13 371	33 695	29 180	8 052	1 883	4 045
1982	29 328	11 334	37 763	34 342	14 645	2 488	3 006
1987 farms by number sold:							
1 to 9 .... farms	23	81	70	45	52	41	18
number	86	414	322	244	186	162	84
10 to 19 .... farms	24	73	78	86	33	21	17
number	349	1 071	1 035	1 203	465	278	255
20 to 49 .... farms	44	96	119	125	35	21	16
number	1 444	2 963	3 675	4 032	1 171	694	547
50 to 99 .... farms	16	44	79	64	23	12	15
number	1 115	2 854	5 541	4 455	1 558	772	1 053
100 to 199 .... farms	19	31	55	46	7	4	3
number	2 614	3 797	8 014	5 914	917	(D)	516
200 to 499 .... farms	10	13	58	41	10	2	2
number	2 807	3 905	18 116	12 472	3 273	(D)	(D)
500 or more .... farms	14	4	17	13	5	-	2
number	13 997	4 679	13 744	14 806	3 979	-	(D)

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd
SALES							
Dairy products sold farms, 1987	516	15	22	612	2	407	45
1982	555	12	18	647	6	477	65
$1,000, 1987	32 549	1 137	1 146	46 212	(D)	25 100	1 613
1982	30 027	767	926	41 150	173	25 345	2 425
Cattle and calves sold farms, 1987	923	315	191	1 263	165	884	350
1982	1 031	383	281	1 368	229	1 075	450
number, 1987	42 255	13 062	30 767	71 118	14 643	38 513	16 366
1982	44 110	16 527	47 635	70 656	26 934	52 622	21 562
$1,000, 1987	22 261	7 553	20 381	37 927	9 587	20 348	10 582
1982	20 399	8 145	29 234	33 067	15 689	28 485	11 838
1987 farms by number sold:							
1 to 9 farms	127	104	32	184	41	154	92
number	676	547	139	922	167	822	492
10 to 19 farms	259	61	37	244	29	196	81
number	3 656	851	496	3 369	402	2 825	1 122
20 to 49 farms	334	83	50	511	44	341	106
number	9 929	2 394	1 446	16 133	1 386	10 802	3 113
50 to 99 farms	120	36	28	196	24	124	40
number	7 814	2 424	1 886	13 070	1 531	8 298	2 649
100 to 199 farms	49	20	17	71	11	44	12
number	6 639	2 732	2 118	9 169	1 608	6 050	1 714
200 to 499 farms	28	9	18	42	9	20	18
number	8 404	(D)	5 462	12 691	2 628	6 354	5 121
500 or more farms	6	2	9	15	7	5	3
number	5 137	(D)	19 223	15 744	6 921	3 372	2 155
Calves sold farms, 1987	443	83	42	655	30	296	91
1982	476	130	86	712	68	400	116
number, 1987	7 632	1 109	820	14 668	596	7 086	1 394
1982	8 145	1 974	1 878	16 158	2 383	6 591	2 067
$1,000, 1987	1 120	305	237	2 226	176	1 818	330
1982	1 131	458	551	2 109	644	1 443	550
1987 farms by number sold:							
1 to 9 farms	135	44	16	174	17	99	40
number	616	184	73	786	65	416	178
10 to 19 farms	161	16	12	191	3	93	32
number	2 203	257	180	2 596	(D)	1 223	448
20 to 49 farms	124	18	10	251	7	81	17
number	3 288	488	282	7 097	182	2 321	(D)
50 to 99 farms	22	3	3	28	2	15	-
number	(D)	180	(D)	1 726	(D)	925	-
100 to 199 farms	1	-	1	11	1	4	1
number	(D)	-	(D)	(D)	(D)	544	(D)
200 to 499 farms	-	-	-	-	-	3	1
number	-	-	-	-	-	(D)	(D)
500 or more farms	-	-	-	2	-	1	-
number	-	-	-	(D)	-	(D)	-
Cattle sold farms, 1987	786	275	171	1 071	148	799	309
1982	899	304	226	1 151	205	937	415
number, 1987	34 623	11 953	29 947	56 450	14 047	31 427	14 972
1982	35 965	14 553	45 757	54 498	24 551	46 031	19 495
$1,000, 1987	21 141	7 248	20 144	35 701	9 411	18 530	10 251
1982	19 268	7 687	28 682	30 959	15 045	27 042	11 288
1987 farms by number sold:							
1 to 9 farms	210	93	38	260	31	190	98
number	1 140	465	159	1 272	127	1 024	492
10 to 19 farms	229	55	28	268	27	175	61
number	3 120	778	372	3 647	377	2 437	852
20 to 49 farms	183	66	37	306	41	281	80
number	5 411	1 929	1 032	9 408	1 263	8 796	2 423
50 to 99 farms	90	30	25	128	24	92	40
number	6 042	2 059	1 681	8 584	1 558	6 123	2 625
100 to 199 farms	40	20	16	57	10	41	12
number	5 387	2 608	2 018	7 210	1 448	5 684	1 684
200 to 499 farms	28	9	18	39	8	16	15
number	8 386	(D)	5 462	11 985	2 353	4 999	4 841
500 or more farms	6	2	9	13	7	4	3
number	5 137	(D)	19 223	14 344	6 921	2 364	2 055
Cattle fattened on grain and concentrates sold farms, 1987	336	144	114	493	105	384	209
1982	368	172	157	529	148	393	231
number, 1987	23 794	8 039	26 160	41 271	12 561	16 187	11 326
1982	23 176	9 912	42 988	38 779	22 133	29 955	14 400
$1,000, 1987	15 812	5 418	18 535	28 159	8 716	10 900	8 164
1982	13 330	5 765	27 365	24 083	14 005	19 204	8 953
1987 farms by number sold:							
1 to 9 farms	63	45	27	91	24	82	60
number	354	248	125	387	109	418	286
10 to 19 farms	72	31	12	83	17	86	42
number	1 028	441	161	1 180	249	1 221	589
20 to 49 farms	81	27	26	147	26	136	55
number	2 496	842	726	4 591	754	4 112	1 675
50 to 99 farms	59	19	16	88	15	42	25
number	4 052	1 276	1 076	5 733	996	2 886	1 619
100 to 199 farms	31	14	11	38	8	28	12
number	4 285	1 923	1 498	4 736	1 199	3 832	1 661
200 to 499 farms	25	6	14	33	8	8	14
number	7 528	(D)	4 119	10 300	2 353	(D)	(D)
500 or more farms	5	2	8	13	7	2	1
number	4 051	(D)	18 455	14 344	6 901	(D)	(D)

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
SALES									
Dairy products sold	farms, 1987	7	-	35	14	5	26	17	18
	1982	4	4	58	20	6	54	20	36
	$1,000, 1987	408	-	1 997	325	402	1 740	443	358
	1982	350	71	2 562	592	336	2 466	840	1 064
Cattle and calves sold	farms, 1987	297	310	353	559	154	272	364	509
	1982	397	433	462	696	251	383	459	671
	number, 1987	31 562	20 913	45 363	29 704	15 218	19 499	26 294	34 964
	1982	39 825	41 623	42 865	47 695	34 448	27 626	52 512	33 611
	$1,000, 1987	20 154	12 391	29 779	16 397	10 534	12 386	16 562	18 857
	1982	23 173	21 832	23 833	24 070	21 109	16 008	31 407	15 510
1987 farms by number sold:									
1 to 9	farms	48	81	72	97	47	59	86	83
	number	237	408	350	436	217	276	453	399
10 to 19	farms	65	68	83	132	36	68	61	88
	number	897	963	1 183	1 918	485	961	865	1 203
20 to 49	farms	116	95	107	212	36	58	105	186
	number	3 668	2 963	3 272	6 759	1 067	1 765	3 270	5 975
50 to 99	farms	48	25	41	77	14	29	56	78
	number	3 223	1 549	2 745	5 290	939	2 056	3 843	5 237
100 to 199	farms	10	17	19	20	11	33	29	41
	number	1 340	2 258	2 632	2 871	1 279	4 629	3 973	5 734
200 to 499	farms	6	15	16	15	3	21	18	24
	number	1 832	4 055	5 617	4 730	(D)	7 191	5 331	6 866
500 or more	farms	6	9	15	6	7	4	9	9
	number	20 365	8 717	29 564	7 700	(D)	2 621	8 559	9 550
Calves sold	farms, 1987	74	96	63	204	35	56	76	128
	1982	161	144	110	273	50	77	110	243
	number, 1987	1 487	2 094	3 952	5 290	2 318	909	1 319	4 689
	1982	3 232	3 807	4 497	6 838	2 499	1 390	2 575	6 136
	$1,000, 1987	497	732	1 010	1 644	688	246	437	1 079
	1982	860	1 041	1 136	1 738	475	361	781	1 724
1987 farms by number sold:									
1 to 9	farms	24	45	26	47	21	26	37	45
	number	104	200	125	174	71	63	159	193
10 to 19	farms	23	23	15	64	9	19	14	39
	number	315	335	201	923	116	252	179	527
20 to 49	farms	20	22	14	74	2	7	20	31
	number	579	662	386	2 145	(D)	170	632	918
50 to 99	farms	7	2	3	13	-	-	4	7
	number	489	(D)	225	840	-	-	(D)	444
100 to 199	farms	-	2	-	4	-	4	1	5
	number	-	(D)	-	(D)	-	424	(D)	(D)
200 to 499	farms	-	2	3	2	1	-	-	-
	number	-	(D)	(D)	(D)	(D)	-	-	-
500 or more	farms	-	-	2	-	2	-	-	1
	number	-	-	(D)	-	(D)	-	-	(D)
Cattle sold	farms, 1987	257	258	320	459	142	252	339	450
	1982	326	363	421	581	236	351	409	544
	number, 1987	30 075	18 819	41 411	24 414	12 900	18 590	24 975	30 275
	1982	36 593	37 816	38 368	40 857	31 949	26 236	49 937	27 475
	$1,000, 1987	19 657	11 660	28 769	14 553	9 846	12 140	16 125	17 778
	1982	22 313	20 791	22 697	22 332	20 634	15 647	30 626	13 786
1987 farms by number sold:									
1 to 9	farms	45	70	69	130	45	57	89	82
	number	208	285	320	615	198	279	449	386
10 to 19	farms	49	54	75	88	28	67	51	72
	number	648	730	1 054	1 245	376	932	742	1 007
20 to 49	farms	104	78	93	149	34	45	96	154
	number	3 263	2 440	2 865	4 716	1 005	1 355	2 933	5 006
50 to 99	farms	37	19	39	57	16	29	50	75
	number	2 421	1 174	2 612	3 836	1 104	2 027	3 362	5 122
100 to 199	farms	10	15	18	16	10	29	26	38
	number	1 340	2 004	2 494	2 180	(D)	4 165	3 608	5 315
200 to 499	farms	6	13	14	13	3	21	18	20
	number	1 832	3 469	4 982	4 120	(D)	7 191	5 322	5 891
500 or more	farms	6	9	12	6	6	4	9	9
	number	20 363	8 717	27 064	7 700	8 246	2 621	8 559	7 546
Cattle fattened on grain and concentrates sold	farms, 1987	109	128	227	146	85	191	236	217
	1982	170	213	283	249	173	238	288	237
	number, 1987	25 352	15 205	36 986	15 303	8 885	15 581	21 153	18 845
	1982	32 211	27 939	29 605	28 231	24 701	21 357	43 860	14 735
	$1,000, 1987	17 508	9 928	26 625	10 440	6 325	10 598	14 122	12 427
	1982	20 636	16 823	18 547	17 421	15 810	13 499	27 899	8 651
1987 farms by number sold:									
1 to 9	farms	14	31	53	35	22	45	54	29
	number	66	151	258	138	92	206	269	136
10 to 19	farms	14	24	40	18	16	47	38	29
	number	189	344	581	241	230	646	546	411
20 to 49	farms	44	30	64	47	19	32	65	63
	number	1 474	913	1 983	1 473	638	974	1 975	2 074
50 to 99	farms	21	11	33	18	10	18	36	50
	number	1 410	695	2 170	1 224	690	1 318	2 408	3 510
100 to 199	farms	7	12	15	12	10	27	18	26
	number	1 009	1 538	2 222	1 805	(D)	3 904	2 637	3 541
200 to 499	farms	3	11	11	11	3	16	16	14
	number	839	2 869	3 968	3 362	(D)	5 920	4 759	4 350
500 or more	farms	6	9	11	5	5	4	9	6
	number	20 363	8 695	25 804	7 080	5 246	2 613	8 559	4 823

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper
SALES							
Dairy products sold ....farms, 1987..	11	172	10	11	34	222	33
1982..	12	243	10	17	72	266	56
$1,000, 1987..	395	7 883	456	500	1 750	11 395	1 909
1982..	572	10 623	634	987	2 881	10 813	4 028
Cattle and calves sold ....farms, 1987..	378	495	149	410	643	1 056	778
1982..	461	649	209	537	766	1 139	992
number, 1987..	14 242	19 407	19 543	45 538	41 383	69 925	46 587
1982..	19 001	26 131	25 605	59 771	57 775	68 265	61 801
$1,000, 1987..	7 656	11 296	12 859	29 583	24 533	41 701	27 746
1982..	9 212	12 770	14 996	35 893	31 736	35 280	33 069
1987 farms by number sold:							
1 to 9 ....farms..	100	105	31	62	80	165	141
number..	502	565	159	308	395	839	715
10 to 19 ....farms..	82	120	34	63	136	203	179
number..	1 100	1 660	504	910	1 942	2 866	2 551
20 to 49 ....farms..	107	172	31	104	239	373	233
number..	3 271	5 187	926	3 355	7 447	11 872	7 280
50 to 99 ....farms..	57	64	18	69	115	172	127
number..	3 857	4 124	1 189	4 750	7 812	11 936	8 462
100 to 199............farms..	21	23	11	55	39	84	48
number..	2 604	3 012	1 828	7 705	5 116	10 842	6 278
200 to 499............farms..	11	7	13	38	23	42	42
number..	2 908	1 889	3 398	11 361	6 426	12 137	11 468
500 or more ....farms..	-	4	11	19	11	17	8
number..	-	2 970	11 539	17 149	12 245	19 433	9 833
Calves sold ....farms, 1987..	151	163	31	61	185	308	194
1982..	203	215	55	82	253	437	325
number, 1987..	2 311	2 208	752	844	4 585	5 905	5 318
1982..	3 707	3 307	2 575	2 171	6 367	10 108	7 761
$1,000, 1987..	680	540	274	287	1 450	1 553	1 334
1982..	904	731	775	582	1 728	2 364	2 003
1987 farms by number sold:							
1 to 9 ....farms..	71	69	14	29	54	108	58
number..	337	296	58	131	267	479	273
10 to 19 ....farms..	43	42	9	14	58	87	61
number..	537	572	142	177	795	1 166	808
20 to 49 ....farms..	31	37	5	18	60	96	56
number..	879	980	182	536	1 749	2 904	1 663
50 to 99 ....farms..	5	4	1	-	8	12	14
number..	(D)	(D)	(D)	-	502	685	(D)
100 to 199............farms..	-	1	2	-	3	5	1
number..	-	(D)	(D)	-	(D)	671	(D)
200 to 499............farms..	1	-	-	-	1	-	3
number..	(D)	-	-	-	(D)	-	743
500 or more ....farms..	-	-	-	-	1	-	1
number..	-	-	-	-	(D)	-	(D)
Cattle sold............farms, 1987..	300	437	132	382	555	923	684
1982..	368	588	186	509	651	952	837
number, 1987..	11 931	17 199	18 791	44 694	36 798	64 020	41 269
1982..	15 294	22 824	23 030	57 600	51 408	58 157	54 040
$1,000, 1987..	6 976	10 755	12 584	29 326	23 083	40 148	26 411
1982..	8 308	12 039	14 222	35 311	30 007	32 916	31 085
1987 farms by number sold:							
1 to 9 ....farms..	87	101	27	61	95	169	163
number..	381	501	127	298	432	797	739
10 to 19 ....farms..	55	109	28	53	113	176	139
number..	758	1 505	401	770	1 594	2 449	1 974
20 to 49 ....farms..	80	143	29	90	177	296	182
number..	2 461	4 306	826	2 905	5 513	9 383	5 668
50 to 99 ....farms..	48	54	15	67	102	150	107
number..	3 252	3 437	1 024	4 652	7 014	10 632	7 039
100 to 199............farms..	20	19	9	54	37	75	47
number..	2 503	2 591	1 478	7 591	4 793	9 831	6 095
200 to 499............farms..	10	7	13	38	21	40	39
number..	2 578	1 889	3 396	11 329	5 764	11 495	10 721
500 or more ....farms..	-	4	11	19	10	17	7
number..	-	2 970	11 539	17 149	11 688	19 433	9 033
Cattle fattened on grain and concentrates sold............farms, 1987..	149	205	92	277	325	503	395
1982..	181	222	136	386	363	541	460
number, 1987..	7 965	11 842	15 978	38 238	29 173	44 949	31 745
1982..	10 582	13 830	20 426	50 766	40 658	40 720	39 390
$1,000, 1987..	5 178	8 115	11 739	26 192	19 788	31 123	22 168
1982..	6 351	8 139	12 934	32 168	25 357	25 446	24 761
1987 farms by number sold:							
1 to 9 ....farms..	42	43	18	33	41	80	81
number..	181	230	94	155	166	402	379
10 to 19 ....farms..	15	43	18	35	47	78	67
number..	200	605	250	493	683	1 120	956
20 to 49 ....farms..	40	60	16	67	104	162	107
number..	1 210	1 790	489	2 237	3 400	5 119	3 433
50 to 99 ....farms..	28	31	12	47	74	86	64
number..	2 030	2 025	835	3 353	5 115	6 326	4 285
100 to 199............farms..	14	17	6	42	30	51	37
number..	1 766	2 358	980	5 879	3 966	6 567	5 034
200 to 499............farms..	10	7	11	37	20	32	33
number..	2 578	1 864	2 944	11 057	5 564	8 924	9 325
500 or more ....farms..	-	4	11	16	9	14	6
number..	-	2 970	11 386	15 064	10 279	16 491	8 333

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
SALES								
Dairy products sold farms, 1987	121	133	8	67	31	106	4	9
1982	124	163	29	83	35	134	1	12
$1,000, 1987	4 761	7 119	424	3 324	2 449	4 976	278	757
1982	4 111	7 025	737	3 378	2 727	5 891	(D)	637
Cattle and calves sold farms, 1987	697	698	529	437	534	780	230	505
1982	809	820	656	591	606	892	304	598
number, 1987	29 315	58 676	21 789	35 345	26 320	33 186	8 978	21 596
1982	32 654	57 835	30 429	57 837	25 541	33 139	13 610	27 762
$1,000, 1987	16 738	36 401	11 886	22 384	14 784	20 228	5 113	9 272
1982	16 648	30 934	13 946	32 943	13 018	17 582	7 179	11 063
1987 farms by number sold:								
1 to 9 farms	180	125	104	104	118	253	41	90
number	912	645	579	531	558	1 251	218	477
10 to 19 farms	172	115	119	92	128	209	60	113
number	2 357	1 586	1 623	1 273	1 744	2 865	824	1 623
20 to 49 farms	226	210	181	120	167	206	77	176
number	6 965	6 754	5 545	3 815	5 223	6 109	2 410	5 708
50 to 99 farms	63	125	78	44	70	60	36	83
number	4 231	8 668	5 263	3 109	4 877	3 846	2 392	5 682
100 to 199 farms	35	63	37	35	20	35	10	31
number	(D)	8 730	4 886	4 584	2 817	4 744	1 265	4 067
200 to 499 farms	15	36	8	28	28	13	5	11
number	(D)	10 752	(D)	7 748	8 974	3 749	(D)	(D)
500 or more farms	6	24	2	14	3	4	1	1
number	6 555	21 541	(D)	14 285	2 127	10 622	(D)	(D)
Calves sold farms, 1987	241	153	196	109	192	224	63	246
1982	351	234	271	132	224	328	77	299
number, 1987	3 550	3 495	4 218	2 683	3 912	3 015	1 427	6 557
1982	5 415	5 608	5 754	4 138	3 699	4 174	1 552	8 066
$1,000, 1987	1 015	935	1 237	589	1 248	765	465	2 078
1982	1 303	1 377	1 566	1 220	908	933	386	2 066
1987 farms by number sold:								
1 to 9 farms	111	59	73	47	76	120	20	71
number	475	236	369	205	310	443	107	325
10 to 19 farms	67	40	52	27	46	54	10	67
number	896	538	690	350	585	739	137	932
20 to 49 farms	52	43	51	26	55	40	28	77
number	1 457	1 221	1 527	763	1 638	984	785	2 349
50 to 99 farms	9	7	16	7	9	7	4	19
number	(D)	425	976	(D)	533	472	(D)	1 289
100 to 199 farms	2	2	3	-	6	3	1	10
number	(D)	(D)	(D)	-	846	377	(D)	(D)
200 to 499 farms	-	2	1	1	-	-	-	2
number	-	(D)	(D)	(D)	-	-	-	(D)
500 or more farms	-	-	-	1	-	-	-	-
number	-	-	-	(D)	-	-	-	-
Cattle sold farms, 1987	605	647	409	386	456	688	199	399
1982	651	713	511	545	502	781	273	471
number, 1987	25 765	55 181	17 571	32 662	22 408	30 171	7 551	15 039
1982	27 439	52 227	24 675	53 499	21 842	28 965	12 058	19 676
$1,000, 1987	15 723	35 466	10 648	21 794	13 536	19 462	4 648	7 194
1982	15 345	29 556	12 380	31 723	12 110	16 649	6 793	8 996
1987 farms by number sold:								
1 to 9 farms	201	132	86	99	137	247	52	103
number	949	657	400	479	547	1 099	273	420
10 to 19 farms	139	110	75	84	90	172	48	86
number	1 819	1 532	1 033	1 169	1 249	2 347	647	1 204
20 to 49 farms	159	178	153	95	131	171	54	126
number	4 997	5 634	4 733	3 037	4 147	5 053	1 713	3 943
50 to 99 farms	56	109	56	34	50	48	29	57
number	3 659	7 684	3 886	2 434	3 528	3 079	1 904	3 835
100 to 199 farms	30	60	31	34	20	35	11	18
number	(D)	8 239	4 146	4 410	2 660	(D)	1 385	2 384
200 to 499 farms	14	34	6	27	25	11	4	8
number	(D)	9 894	(D)	7 498	8 150	(D)	(D)	(D)
500 or more farms	6	24	2	13	3	4	1	1
number	6 549	21 541	(D)	13 635	2 127	10 612	(D)	(D)
Cattle fattened on grain and concentrates sold farms, 1987	314	360	222	266	252	354	139	95
, 1982	321	369	253	369	252	404	180	163
number, 1987	17 923	43 576	12 047	28 862	17 877	23 528	5 985	6 090
1982	19 103	39 836	16 301	43 417	16 602	22 018	9 307	8 827
$1,000, 1987	12 063	29 615	7 952	20 031	11 550	16 089	3 894	3 416
1982	11 931	24 298	9 164	27 527	9 959	13 782	5 606	4 872
1987 farms by number sold:								
1 to 9 farms	74	56	25	62	47	98	31	23
number	323	286	122	312	179	442	154	97
10 to 19 farms	69	62	49	46	43	94	33	12
number	883	867	700	616	595	1 319	429	168
20 to 49 farms	99	77	82	67	87	85	42	29
number	3 043	2 476	2 617	2 067	2 762	2 601	1 331	815
50 to 99 farms	36	73	36	23	33	40	18	17
number	2 587	5 292	2 462	1 632	2 336	2 555	1 182	1 099
100 to 199 farms	16	43	22	30	16	24	10	5
number	(D)	6 040	2 773	3 842	2 219	3 316	1 260	762
200 to 499 farms	13	26	6	25	23	9	4	8
number	(D)	7 674	(D)	6 758	7 659	2 683	(D)	(D)
500 or more farms	5	23	2	13	3	4	1	1
number	5 327	20 941	(D)	13 635	2 127	10 612	(D)	(D)

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell
SALES							
Dairy products sold farms, 1987	127	5	40	36	14	3	106
1982	178	14	58	62	21	7	128
$1,000, 1987	5 763	(D)	1 836	1 853	929	117	5 291
1982	7 129	375	2 736	2 917	1 155	265	5 765
Cattle and calves sold farms, 1987	688	697	610	585	471	272	371
1982	905	784	747	737	598	351	454
number, 1987	77 511	24 951	44 124	22 399	27 840	23 337	34 898
1982	97 714	38 604	51 330	33 917	35 610	33 254	35 888
$1,000, 1987	50 398	12 392	27 465	11 080	17 309	14 611	21 730
1982	57 335	17 387	28 434	15 265	20 169	19 754	20 657
1987 farms by number sold:							
1 to 9 farms	105	172	92	147	112	75	69
number	588	868	501	721	580	391	364
10 to 19 farms	125	169	131	146	96	51	61
number	1 798	2 331	1 854	2 031	1 304	737	850
20 to 49 farms	190	238	212	179	161	75	115
number	5 675	7 475	6 656	5 315	4 905	2 276	3 589
50 to 99 farms	107	79	81	65	49	38	57
number	7 360	5 417	5 599	4 489	3 321	2 623	4 052
100 to 199 farms	80	24	46	29	29	8	28
number	10 992	3 249	6 381	3 768	3 829	1 081	3 919
200 to 499 farms	52	12	38	17	16	17	29
number	16 141	3 118	10 541	(D)	4 468	5 663	9 805
500 or more farms	29	3	10	2	8	8	12
number	34 957	2 493	12 592	(D)	9 433	10 566	12 319
Calves sold farms, 1987	158	303	195	220	116	91	109
1982	190	388	235	324	184	108	150
number, 1987	3 670	5 786	4 577	4 460	1 638	1 765	5 939
1982	5 331	9 297	4 408	6 771	2 942	1 999	3 237
$1,000, 1987	1 181	1 901	1 200	1 254	538	425	2 065
1982	1 314	2 624	1 153	1 589	773	517	721
1987 farms by number sold:							
1 to 9 farms	69	119	71	107	54	45	40
number	285	543	335	443	222	198	188
10 to 19 farms	39	84	45	48	31	25	33
number	510	1 126	638	663	424	344	445
20 to 49 farms	33	76	59	47	29	13	25
number	874	2 238	1 687	1 376	(D)	356	685
50 to 99 farms	9	21	13	9	1	6	5
number	586	1 379	836	579	(D)	(D)	324
100 to 199 farms	7	2	6	7	1	1	2
number	(D)	(D)	(D)	(D)	(D)	(D)	(D)
200 to 499 farms	-	1	1	2	-	1	2
number	-	(D)	(D)	(D)	-	(D)	(D)
500 or more farms	1	-	-	-	-	-	2
number	(D)	-	-	-	-	-	(D)
Cattle sold farms, 1987	620	553	515	483	413	221	337
1982	800	601	637	601	521	295	402
number, 1987	73 841	19 185	39 547	17 939	26 202	21 572	28 959
1982	92 383	29 307	46 922	27 146	32 668	31 255	32 651
$1,000, 1987	49 217	10 491	26 264	9 826	16 772	14 187	19 665
1982	56 021	14 762	27 281	13 676	19 396	19 237	19 936
1987 farms by number sold:							
1 to 9 farms	98	181	104	142	105	69	75
number	519	770	474	604	504	341	346
10 to 19 farms	118	119	92	113	78	29	68
number	1 682	1 661	1 244	1 527	1 043	416	986
20 to 49 farms	155	161	167	134	132	59	78
number	4 707	5 030	5 275	3 990	4 004	1 802	2 467
50 to 99 farms	98	62	68	54	47	34	51
number	6 848	4 282	4 826	3 675	3 191	2 308	3 703
100 to 199 farms	71	16	39	23	27	6	30
number	9 808	2 144	5 515	2 881	3 559	860	4 185
200 to 499 farms	52	11	35	17	16	16	26
number	16 131	2 858	9 621	5 282	4 468	5 279	8 831
500 or more farms	28	3	10	-	8	8	9
number	34 146	2 440	12 592	-	9 433	10 566	8 441
Cattle fattened on grain and concentrates sold farms, 1987	379	157	310	173	249	107	208
1982	489	210	376	247	330	178	237
number, 1987	59 142	7 828	33 711	9 536	20 085	18 102	24 011
1982	75 294	16 694	37 584	14 477	26 118	27 686	27 577
$1,000, 1987	41 788	5 420	23 410	6 124	13 952	12 293	17 290
1982	47 661	9 965	23 468	8 551	16 790	17 740	17 671
1987 farms by number sold:							
1 to 9 farms	49	43	37	39	55	21	34
number	243	147	164	158	258	99	135
10 to 19 farms	62	31	48	35	39	9	30
number	878	438	679	466	512	140	419
20 to 49 farms	85	49	96	53	83	29	53
number	2 689	1 567	3 055	1 499	2 589	900	1 744
50 to 99 farms	70	21	53	19	29	20	39
number	4 909	1 444	3 743	1 368	1 903	1 406	2 852
100 to 199 farms	48	6	36	12	25	5	21
number	6 623	824	5 168	1 535	3 272	700	2 926
200 to 499 farms	41	5	30	15	11	16	22
number	12 597	(D)	8 310	4 510	3 118	5 278	7 494
500 or more farms	24	2	10	-	7	7	9
number	31 203	(D)	12 592	-	8 433	9 579	8 441

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
SALES								
Dairy products sold ... farms, 1987	24	7	29	57	56	9	22	41
1982	25	15	47	67	78	18	35	76
$1,000, 1987	963	397	2 182	1 969	2 055	451	870	2 209
1982	1 199	601	2 603	2 419	2 051	457	1 044	3 8[illegible]7
Cattle and calves sold ... farms, 1987	532	378	381	406	307	611	225	796
1982	589	486	476	550	396	713	373	1 101
number, 1987	27 524	23 100	17 106	84 562	28 110	33 468	20 408	91 422
1982	30 842	40 125	24 825	107 882	45 547	44 386	33 815	114 602
$1,000, 1987	12 621	13 426	9 958	56 229	17 821	19 576	13 181	60 132
1982	11 589	21 564	13 087	65 380	25 843	22 983	19 428	68 420
1987 farms by number sold:								
1 to 9 ... farms	98	46	100	83	77	121	51	131
number	544	236	484	464	409	642	244	667
10 to 19 ... farms	108	82	85	78	60	140	38	130
number	1 501	1 194	1 161	1 061	861	1 986	526	1 832
20 to 49 ... farms	174	135	111	100	83	200	54	233
number	5 344	4 147	3 446	3 151	2 693	6 226	1 703	7 486
50 to 99 ... farms	98	68	46	55	25	88	34	138
number	6 812	4 682	3 032	3 887	1 573	6 237	2 261	9 283
100 to 199 ... farms	37	29	23	34	34	33	22	72
number	4 419	3 750	3 059	4 640	4 466	4 391	2 971	9 490
200 to 499 ... farms	12	12	11	37	17	20	15	56
number	3 530	3 690	2 797	10 951	4 960	6 407	4 769	16 490
500 or more ... farms	5	6	5	19	11	9	11	38
number	5 374	5 401	3 127	60 408	13 148	7 577	7 934	46 174
Calves sold ... farms, 1987	245	111	95	94	71	192	24	157
1982	309	150	161	114	73	233	82	229
number, 1987	6 489	2 169	2 056	1 880	1 905	4 259	370	3 744
1982	9 324	4 548	3 406	3 287	2 149	5 402	2 325	6 977
$1,000, 1987	2 061	721	620	493	574	1 079	94	1 029
1982	2 418	1 199	893	887	499	1 444	663	2 122
1987 farms by number sold:								
1 to 9 ... farms	78	41	37	44	28	84	8	48
number	421	175	141	210	140	338	51	238
10 to 19 ... farms	52	26	25	17	14	49	9	48
number	750	344	330	209	191	682	116	635
20 to 49 ... farms	78	39	23	27	19	44	6	44
number	2 248	1 113	649	752	496	1 294	(D)	1 253
50 to 99 ... farms	29	3	7	3	6	11	1	11
number	1 888	(D)	456	248	400	834	(D)	725
100 to 199 ... farms	7	1	2	2	3	3	-	4
number	(D)	(D)	(D)	(D)	(D)	(D)	-	(D)
200 to 499 ... farms	1	1	1	1	1	-	-	2
number	(D)	(D)	(D)	(D)	(D)	-	-	(D)
500 or more ... farms	-	-	-	-	-	1	-	-
number	-	-	-	-	-	(D)	-	-
Cattle sold ... farms, 1987	412	341	349	361	279	534	211	722
1982	431	417	404	496	371	628	340	996
number, 1987	21 035	20 931	15 050	82 682	26 205	29 209	20 038	87 678
1982	21 518	35 577	21 419	104 595	43 398	38 984	31 490	107 625
$1,000, 1987	10 559	12 706	9 338	55 736	17 248	18 499	13 087	59 103
1982	9 171	20 365	12 194	64 493	25 344	21 539	18 765	66 298
1987 farms by number sold:								
1 to 9 ... farms	116	53	104	74	81	121	48	137
number	484	219	464	396	426	563	212	649
10 to 19 ... farms	75	75	76	74	48	120	33	108
number	1 077	1 088	1 030	996	685	1 674	448	1 512
20 to 49 ... farms	109	110	98	77	72	162	48	193
number	3 436	3 385	3 072	2 418	2 299	5 007	1 507	6 239
50 to 99 ... farms	72	64	38	50	23	77	34	122
number	4 924	4 455	2 470	3 442	1 479	5 471	2 253	8 222
100 to 199 ... farms	27	22	18	31	28	27	22	70
number	3 336	2 983	2 342	4 272	3 650	3 589	2 971	9 193
200 to 499 ... farms	8	11	11	36	17	19	16	54
number	2 404	3 400	3 062	10 751	5 168	6 098	5 221	15 789
500 or more ... farms	5	6	4	19	10	8	10	38
number	5 374	5 401	2 610	60 407	12 498	6 807	7 426	46 074
Cattle fattened on grain and concentrates sold ... farms, 1987	99	163	215	243	171	258	154	455
1982	108	234	263	344	247	329	226	682
number, 1987	4 843	13 911	10 529	74 482	21 757	22 032	16 661	71 250
1982	5 868	28 379	17 447	96 010	36 743	28 749	28 287	91 326
$1,000, 1987	3 103	9 514	6 978	51 666	15 195	15 248	11 247	50 291
1982	3 195	17 488	10 607	60 398	22 475	17 493	17 273	59 204
1987 farms by number sold:								
1 to 9 ... farms	33	18	56	48	39	29	32	74
number	182	81	272	241	194	152	156	336
10 to 19 ... farms	19	37	38	41	23	45	16	55
number	259	530	524	543	322	617	214	725
20 to 49 ... farms	22	52	66	51	44	92	39	114
number	719	1 659	2 050	1 743	1 442	2 873	1 248	3 803
50 to 99 ... farms	13	31	31	38	23	50	24	75
number	884	2 237	1 982	2 503	1 444	3 566	1 569	5 236
100 to 199 ... farms	7	11	11	22	18	17	20	58
number	830	1 676	1 487	3 246	2 428	2 347	2 770	7 491
200 to 499 ... farms	3	8	11	27	15	17	15	46
number	(D)	2 327	(D)	8 088	4 339	5 670	4 861	13 980
500 or more ... farms	2	6	2	16	9	8	8	33
number	(D)	5 401	(D)	58 118	11 598	6 807	5 843	39 679

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott
SALES							
Dairy products sold ......farms, 1987	7	11	13	27	11	22	39
1982	15	16	27	42	27	29	59
$1,000, 1987	329	440	424	1 467	638	1 543	3 911
1982	478	887	1 277	1 739	1 217	1 509	4 383
Cattle and calves sold ......farms, 1987	205	287	807	645	521	363	398
1982	312	405	1 026	777	610	544	480
number, 1987	21 944	10 392	77 966	34 068	32 421	61 924	28 129
1982	32 222	13 412	137 209	44 207	41 307	92 619	32 934
$1,000, 1987	14 502	5 902	49 870	19 454	14 909	38 285	18 414
1982	19 648	6 765	82 126	21 983	17 394	56 826	20 059
1987 farms by number sold:							
1 to 9 ......farms	52	111	175	89	60	72	104
number	240	559	835	439	320	395	524
10 to 19 ......farms	46	68	153	123	84	71	82
number	645	894	2 161	1 795	1 240	999	1 150
20 to 49 ......farms	39	69	213	246	177	93	116
number	1 158	1 984	6 732	7 841	5 968	2 927	3 716
50 to 99 ......farms	22	17	122	108	125	47	39
number	1 569	1 190	8 297	7 367	8 509	3 299	2 709
100 to 199 ......farms	23	13	55	55	42	27	26
number	3 134	1 809	7 241	7 408	5 638	3 962	3 317
200 to 499 ......farms	13	5	57	19	30	22	19
number	4 224	1 657	16 146	5 834	8 912	6 626	5 558
500 or more ......farms	10	4	32	5	3	31	12
number	10 974	2 299	36 554	3 384	1 834	43 716	11 155
Calves sold ......farms, 1987	53	84	179	208	220	74	77
1982	61	137	228	248	248	118	103
number, 1987	416	1 045	4 309	4 290	6 994	1 352	1 182
1982	1 222	1 990	4 545	5 776	8 717	2 998	1 480
$1,000, 1987	130	296	1 515	1 434	2 316	342	243
1982	327	461	1 194	1 522	2 443	826	279
1987 farms by number sold:							
1 to 9 ......farms	35	46	73	78	63	31	37
number	132	179	333	276	260	135	148
10 to 19 ......farms	13	23	46	62	50	21	21
number	166	298	632	847	740	269	284
20 to 49 ......farms	5	12	38	53	67	18	16
number	118	297	1 042	1 591	2 184	516	476
50 to 99 ......farms	-	2	17	12	31	3	2
number	-	(D)	1 118	726	2 003	(D)	(D)
100 to 199 ......farms	-	1	3	-	6	-	1
number	-	(D)	(D)	-	695	-	(D)
200 to 499 ......farms	-	-	1	3	2	1	-
number	-	-	(D)	850	(D)	(D)	-
500 or more ......farms	-	-	1	-	1	-	-
number	-	-	(D)	-	(D)	-	-
Cattle sold ......farms, 1987	186	254	723	557	432	330	355
1982	285	343	920	658	491	486	437
number, 1987	21 528	9 347	73 657	29 778	25 427	60 572	26 947
1982	31 000	11 422	132 664	38 431	32 590	89 621	31 454
$1,000, 1987	14 372	5 606	48 355	18 020	12 592	37 943	18 170
1982	19 321	6 304	80 932	20 461	14 951	56 000	19 780
1987 farms by number sold:							
1 to 9 ......farms	52	112	171	99	86	73	92
number	265	511	801	468	367	369	459
10 to 19 ......farms	38	50	124	98	71	58	72
number	530	644	1 738	1 373	995	800	985
20 to 49 ......farms	28	56	187	200	119	79	99
number	841	1 594	6 076	6 482	3 964	2 391	3 177
50 to 99 ......farms	22	16	106	83	92	41	37
number	1 560	1 111	7 287	5 838	6 211	2 935	2 586
100 to 199 ......farms	23	11	48	57	34	27	24
number	3 134	1 538	6 231	7 775	4 682	3 961	3 027
200 to 499 ......farms	13	5	55	16	28	21	19
number	4 224	1 650	15 640	4 963	(D)	6 407	5 558
500 or more ......farms	10	4	32	4	2	31	12
number	10 974	2 299	35 884	2 879	(D)	43 709	11 155
Cattle fattened on grain and concentrates sold ......farms, 1987	113	124	460	292	121	210	268
1982	187	158	608	365	137	358	317
number, 1987	19 311	6 362	65 455	18 354	9 408	53 509	24 293
1982	25 385	7 697	118 689	24 299	11 900	80 322	27 597
$1,000, 1987	13 204	4 241	44 427	12 517	5 670	34 407	16 687
1982	16 410	4 782	74 692	14 699	6 741	51 406	17 942
1987 farms by number sold:							
1 to 9 ......farms	20	46	83	37	13	37	54
number	104	176	322	183	50	197	284
10 to 19 ......farms	18	20	64	43	23	34	58
number	256	262	906	612	329	502	797
20 to 49 ......farms	16	32	113	114	29	44	73
number	562	917	3 795	3 644	1 022	1 337	2 271
50 to 99 ......farms	16	10	80	49	31	29	33
number	1 149	715	5 521	3 540	2 022	1 995	2 295
100 to 199 ......farms	22	10	39	36	12	20	21
number	3 005	(D)	5 267	5 135	1 697	3 025	2 679
200 to 499 ......farms	12	2	51	10	12	18	18
number	3 761	(D)	14 919	3 262	(D)	5 669	5 312
500 or more ......farms	9	4	30	3	1	28	11
number	10 474	2 299	34 725	1 978	(D)	40 784	10 655

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
SALES								
Dairy products sold .... farms, 1987..	182	12	50	6	9	23	16	29
1982..	258	14	56	15	11	41	18	45
$1,000, 1987..	14 178	1 242	2 398	201	206	519	729	1 553
1982..	15 568	1 140	2 425	338	331	696	625	2 480
Cattle and calves sold .... farms, 1987..	947	281	721	511	473	490	478	780
1982..	1 239	370	875	636	568	598	545	905
number, 1987..	257 632	26 608	33 299	21 884	24 816	16 457	16 479	25 175
1982..	281 019	24 715	46 145	31 932	34 352	21 445	20 605	33 638
$1,000, 1987..	173 006	17 669	18 728	10 769	11 903	7 133	8 400	12 591
1982..	175 356	15 244	22 658	13 945	15 701	8 314	8 528	14 379
1987 farms by number sold:								
1 to 9 .... farms..	136	79	133	75	87	114	158	233
number..	701	377	673	384	405	553	745	1 108
10 to 19 .... farms..	121	54	183	118	87	113	113	183
number..	1 655	763	2 584	1 682	1 268	1 580	1 536	2 516
20 to 49 .... farms..	205	74	255	174	140	164	138	242
number..	6 249	2 185	8 031	5 580	4 608	5 035	4 343	7 457
50 to 99 .... farms..	137	30	93	96	89	75	44	85
number..	9 405	2 086	6 357	6 400	5 965	4 919	3 074	5 519
100 to 199 .... farms..	107	19	34	40	53	18	11	23
number..	14 986	2 514	4 715	5 216	6 706	2 265	1 464	3 122
200 to 499 .... farms..	111	16	19	7	13	5	11	12
number..	34 203	4 985	5 729	(D)	3 284	(D)	3 108	(D)
500 or more .... farms..	130	9	4	1	4	1	3	2
number..	190 433	13 788	5 210	(D)	2 580	(D)	2 207	(D)
Calves sold .... farms, 1987..	211	61	208	194	180	285	208	297
1982..	237	86	280	229	237	340	239	460
number, 1987..	6 902	881	3 880	5 006	4 803	5 250	2 748	4 971
1982..	8 464	1 357	6 596	5 802	7 838	6 458	4 014	9 130
$1,000, 1987..	1 968	254	1 200	1 456	1 754	1 706	904	1 630
1982..	2 011	437	1 734	1 496	2 137	1 601	1 084	2 195
1987 farms by number sold:								
1 to 9 .... farms..	73	35	81	51	65	100	113	134
number..	290	160	368	198	292	465	471	614
10 to 19 .... farms..	54	9	67	53	43	64	53	62
number..	680	122	939	770	579	915	729	835
20 to 49 .... farms..	59	15	47	59	47	77	34	86
number..	1 705	(D)	1 458	1 763	1 408	2 228	1 033	2 530
50 to 99 .... farms..	12	2	10	27	17	21	7	14
number..	695	(D)	615	1 665	1 146	(D)	(D)	(D)
100 to 199 .... farms..	5	-	2	3	7	3	1	1
number..	699	-	(D)	(D)	(D)	(D)	(D)	(D)
200 to 499 .... farms..	6	-	1	1	-	-	-	-
number..	(D)	-	(D)	(D)	-	-	-	-
500 or more .... farms..	2	-	-	-	1	-	-	-
number..	(D)	-	-	-	(D)	-	-	-
Cattle sold .... farms, 1987..	855	254	619	412	395	368	376	651
1982..	1 126	336	748	520	460	438	450	679
number, 1987..	250 730	25 817	29 419	16 878	20 013	11 207	13 731	20 204
1982..	272 555	23 358	39 549	26 130	26 514	14 957	16 591	24 508
$1,000, 1937..	171 040	17 415	17 528	9 312	10 148	5 427	7 496	10 962
1982..	173 345	14 807	20 923	12 449	13 563	6 713	7 445	12 184
1987 farms by number sold:								
1 to 9 .... farms..	131	70	137	91	94	126	134	245
number..	670	298	663	391	407	504	565	1 022
10 to 19 .... farms..	98	50	149	87	68	73	85	136
number..	1 327	691	2 086	1 210	977	989	1 160	1 818
20 to 49 .... farms..	171	66	199	124	104	109	100	173
number..	5 144	1 947	6 303	3 927	3 550	3 468	3 101	5 201
50 to 99 .... farms..	118	24	82	71	70	44	32	62
number..	8 182	1 698	5 613	4 856	4 634	2 932	2 282	3 978
100 to 199 .... farms..	100	20	30	32	45	11	12	22
number..	13 865	2 652	4 144	4 149	5 580	1 442	1 612	2 993
200 to 499 .... farms..	110	15	18	6	11	4	10	11
number..	33 865	4 743	5 400	(D)	2 805	(D)	2 818	(D)
500 or more .... farms..	127	9	4	1	3	1	3	2
number..	187 677	13 788	5 210	(D)	2 080	(D)	2 193	(D)
Cattle fattened on grain and concentrates sold .... farms, 1987..	567	159	330	129	97	104	130	222
1982..	607	220	444	211	159	115	152	250
number, 1987..	216 084	21 030	19 626	6 150	6 303	4 055	6 766	9 551
1982..	247 159	18 564	29 389	12 459	13 601	6 047	7 469	14 061
$1,000, 1987..	149 468	14 648	13 097	4 275	4 048	2 386	4 361	6 148
1982..	160 019	12 193	16 674	7 201	8 226	3 324	4 134	8 295
1987 farms by number sold:								
1 to 9 .... farms..	68	35	62	14	16	27	46	75
number..	335	156	287	61	55	125	192	268
10 to 19 .... farms..	42	31	71	23	12	13	22	32
number..	588	419	957	294	162	161	302	451
20 to 49 .... farms..	104	38	112	60	25	44	34	72
number..	3 174	1 214	3 511	1 799	913	1 430	1 064	2 169
50 to 99 .... farms..	72	18	47	18	25	12	12	24
number..	5 013	1 221	3 195	1 184	1 676	867	930	1 539
100 to 199 .... farms..	74	16	21	11	12	6	5	14
number..	10 193	2 317	2 736	1 438	1 388	(D)	599	2 061
200 to 499 .... farms..	94	13	14	2	6	2	10	4
number..	29 687	3 915	4 340	(D)	(D)	(D)	(D)	(D)
500 or more .... farms..	113	8	3	1	1	-	1	1
number..	167 094	11 788	4 600	(D)	(D)	-	(D)	(D)

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth
SALES							
Dairy products sold farms, 1987	48	18	5	47	572	14	29
1982	57	32	10	52	719	33	43
$1,000, 1987	1 419	734	296	1 742	35 091	285	1 314
1982	1 450	1 175	648	(D)	39 266	1 082	2 059
Cattle and calves sold farms, 1987	488	522	225	165	1 236	609	229
1982	595	620	351	226	1 399	854	281
number, 1987	20 410	25 717	9 297	7 022	50 360	76 149	10 451
1982	32 001	35 833	21 165	10 411	56 641	95 473	21 616
$1,000, 1987	12 043	12 099	5 171	3 721	26 527	49 702	6 903
1982	16 568	13 582	10 052	5 539	24 551	54 838	11 186
1987 farms by number sold:							
1 to 9 farms	107	82	83	43	202	106	66
number	527	408	425	235	1 061	549	333
10 to 19 farms	108	87	51	49	273	116	59
number	1 500	1 241	689	693	3 919	1 622	793
20 to 49 farms	158	190	49	51	498	201	72
number	4 792	6 054	1 436	1 562	15 298	6 265	2 191
50 to 99 farms	66	117	21	12	186	78	16
number	4 494	7 959	1 369	853	12 405	5 422	1 054
100 to 199 farms	37	35	14	5	55	48	10
number	4 901	4 757	1 873	716	6 606	6 365	1 488
200 to 499 farms	9	8	5	3	18	35	5
number	2 369	2 274	(D)	(D)	5 286	10 357	(D)
500 or more farms	3	3	2	2	4	25	1
number	1 827	3 024	(D)	(D)	5 785	45 569	(D)
Calves sold farms, 1987	139	236	55	59	506	140	51
1982	206	308	142	84	627	259	78
number, 1987	2 245	7 322	880	893	9 437	3 540	626
1982	4 224	9 818	2 826	1 243	12 010	5 518	1 659
$1,000, 1987	662	2 701	209	218	2 308	1 207	154
1982	1 127	2 470	575	297	2 626	1 456	377
1987 farms by number sold:							
1 to 9 farms	59	66	32	21	163	50	29
number	221	299	149	106	790	227	125
10 to 19 farms	40	53	10	29	169	32	12
number	531	767	122	388	2 288	429	(D)
20 to 49 farms	32	76	7	8	140	44	7
number	964	2 320	214	(D)	3 823	1 274	(D)
50 to 99 farms	7	31	6	-	27	7	3
number	(D)	2 058	395	-	1 645	466	168
100 to 199 farms	1	8	-	-	6	5	-
number	(D)	(D)	-	-	(D)	(D)	-
200 to 499 farms	-	1	-	1	1	2	-
number	-	(D)	-	(D)	(D)	(D)	-
500 or more farms	-	1	-	-	-	-	-
number	-	(D)	-	-	-	-	-
Cattle sold farms, 1987	421	418	201	149	1 085	545	210
1982	501	476	285	199	1 221	724	252
number, 1987	18 165	18 395	8 417	6 129	40 923	72 609	9 825
1982	27 777	26 015	18 339	9 168	44 631	89 955	19 957
$1,000, 1987	11 381	9 399	4 962	3 503	24 219	48 495	6 749
1982	15 442	11 112	9 477	5 243	21 925	53 382	10 809
1987 farms by number sold:							
1 to 9 farms	112	107	83	51	280	105	66
number	550	464	399	256	1 325	505	307
10 to 19 farms	77	69	38	39	237	96	54
number	1 046	960	524	542	3 338	1 352	721
20 to 49 farms	128	126	46	39	368	173	61
number	3 805	4 093	1 343	1 158	11 213	5 462	1 853
50 to 99 farms	56	86	13	11	133	73	13
number	3 905	5 721	850	742	8 925	4 964	864
100 to 199 farms	37	23	15	5	49	40	10
number	4 891	3 248	2 009	716	5 946	5 248	1 488
200 to 499 farms	8	5	4	2	14	33	5
number	2 141	(D)	(D)	(D)	4 391	9 755	(D)
500 or more farms	3	2	2	2	4	25	1
number	1 827	(D)	(D)	(D)	5 785	45 323	(D)
Cattle fattened on grain and concentrates sold farms, 1987	267	113	110	86	354	296	138
1982	325	128	166	115	369	391	165
number, 1987	14 098	6 695	6 681	3 323	20 607	62 836	8 037
1982	21 351	5 853	14 135	7 350	21 405	73 305	11 735
$1,000, 1987	9 402	4 110	4 115	2 157	13 799	43 803	5 629
1982	12 716	3 207	7 665	4 443	12 312	46 551	7 458
1987 farms by number sold:							
1 to 9 farms	63	29	41	27	71	42	44
number	270	99	203	113	354	200	214
10 to 19 farms	41	15	21	19	74	43	32
number	559	201	285	264	1 050	563	447
20 to 49 farms	76	40	18	28	122	96	42
number	2 269	1 294	539	828	3 717	2 947	1 274
50 to 99 farms	48	20	10	5	48	37	8
number	3 391	1 294	646	362	3 211	2 636	601
100 to 199 farms	28	4	14	4	23	24	6
number	3 675	658	1 813	591	2 624	3 246	909
200 to 499 farms	8	3	4	2	12	30	5
number	2 107	(D)	(D)	(D)	3 666	8 571	(D)
500 or more farms	3	2	2	1	4	24	1
number	1 827	(D)	(D)	(D)	5 785	44 673	(D)

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
INVENTORY								
Hogs and pigs	farms, 1987	36 670	360	212	410	132	348	545
	1982	45 768	512	304	452	195	433	678
	number, 1987	12 983 074	85 504	55 648	113 528	16 079	128 623	172 273
	1982	14 332 644	112 699	73 383	111 513	24 140	147 503	204 459
Farms by inventory:								
1 to 24	farms, 1987	3 530	45	21	46	38	22	43
	1982	4 636	51	39	58	46	32	48
	number, 1987	42 649	541	235	539	350	265	586
	1982	55 308	606	470	761	453	453	604
25 to 49	farms, 1987	2 560	28	22	33	24	21	42
	1982	3 419	37	33	35	23	32	44
	number, 1987	91 005	1 060	769	1 152	774	750	1 525
	1982	121 726	1 356	1 131	1 181	773	1 124	1 588
50 to 99	farms, 1987	4 220	59	36	63	21	41	76
	1982	5 723	89	35	72	51	58	95
	number, 1987	299 808	4 098	2 705	4 558	1 557	2 825	5 382
	1982	407 805	6 469	2 470	5 189	3 456	4 205	6 486
100 to 199	farms, 1987	6 766	97	35	87	22	78	109
	1982	9 005	126	72	104	43	76	138
	number, 1987	951 249	13 620	5 219	12 072	3 318	11 351	15 560
	1982	1 249 137	17 454	9 544	14 247	5 736	10 569	18 645
200 to 499	farms, 1987	11 269	110	66	117	21	105	159
	1982	13 906	155	91	119	21	146	223
	number, 1987	3 523 643	32 212	(D)	35 203	6 023	33 591	49 837
	1982	4 276 523	47 221	27 556	36 999	5 475	45 187	69 044
500 to 999	farms, 1987	5 766	31	27	49	6	54	89
	1982	6 612	45	24	52	10	62	104
	number, 1987	3 837 424	20 456	(D)	32 463	4 057	37 160	58 457
	1982	4 358 896	27 526	14 722	34 471	(D)	41 546	68 542
1,000 or more	farms, 1987	2 557	10	5	15	-	27	27
	1982	2 467	9	10	12	1	27	26
	number, 1987	4 237 296	13 517	9 939	27 541	-	42 661	40 917
	1982	3 863 247	12 065	17 490	18 665	(D)	44 419	39 550
Hogs and pigs used or to be used for breeding	farms, 1987	26 944	278	173	343	88	246	389
	1982	34 170	403	213	372	142	303	509
	number, 1987	1 657 873	11 634	7 888	15 920	1 970	15 591	20 836
	1982	1 700 805	14 530	8 697	15 012	3 090	15 897	25 271
1987 farms by inventory:								
1 to 24		8 545	118	66	141	64	71	123
25 to 49		6 939	75	54	99	13	66	94
50 to 99		6 848	61	39	66	8	67	124
100 or more	farms	4 612	24	14	37	3	42	48
	number	842 921	3 599	2 524	6 102	344	7 844	7 827
Other hogs and pigs	farms, 1987	35 152	365	196	394	117	329	527
	1982	43 491	482	283	427	186	410	658
	number, 1987	11 325 201	73 870	47 760	97 608	14 109	113 032	151 437
	1982	12 631 839	98 169	64 686	96 501	21 050	131 606	179 188
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms, 1987	26 037	293	179	357	97	259	408
	1982	35 737	424	235	385	150	320	538
	number, 1987	2 495 867	16 889	10 402	21 643	2 993	23 662	30 585
	1982	2 548 849	21 387	11 846	23 035	4 622	24 652	35 774
Dec. 1 of preceding year and May 31	farms, 1987	26 110	268	170	323	85	254	382
	1982	32 787	394	211	355	129	299	491
	number, 1987	1 251 973	8 453	5 208	10 801	1 500	12 306	15 550
	1982	1 278 535	10 452	5 889	11 607	2 383	12 563	17 782
June 1 and Nov. 30	farms, 1987	25 992	258	163	327	80	234	373
	1982	32 266	372	206	340	125	286	472
	number, 1987	1 243 894	8 436	5 194	10 842	1 493	11 356	15 035
	1982	1 270 314	10 935	5 957	11 428	2 239	12 089	17 992
SALES								
Hogs and pigs sold	farms, 1987	38 638	395	229	426	143	361	573
	1982	49 012	543	335	484	209	476	748
	number, 1987	23 483 812	152 345	88 630	169 181	31 233	238 820	296 578
	1982	23 801 117	171 719	115 733	203 344	35 133	257 140	309 340
	$1,000, 1987	2 494 231	16 454	9 332	17 951	3 207	23 803	33 721
	1982	2 550 488	18 558	12 676	19 144	3 614	26 109	34 351
1987 farms by number sold:								
1 to 24	farms	2 320	19	13	31	22	9	30
	number	28 689	217	142	367	229	117	450
25 to 49	farms	2 040	27	14	17	24	15	39
	number	72 957	903	485	587	889	517	1 407
50 to 99	farms	3 389	52	32	49	23	32	51
	number	244 473	3 964	2 304	3 330	1 673	2 220	3 804
100 to 199	farms	5 290	71	39	88	27	58	84
	number	747 604	9 820	5 466	12 986	(D)	8 392	11 747
200 to 499	farms	10 628	117	78	133	29	93	155
	number	3 394 492	35 870	24 626	40 344	(D)	29 629	48 965
500 to 999	farms	8 115	80	40	71	13	85	126
	number	5 645 377	53 489	27 054	50 585	8 799	57 614	88 360
1,000 or more	farms	6 856	29	13	37	5	69	88
	number	13 350 220	48 082	28 603	60 982	7 140	140 331	141 845
Feeder pigs sold	farms, 1987	8 972	69	46	127	32	82	96
	1982	10 819	112	61	140	44	106	128
	number, 1987	4 460 979	23 782	12 988	40 606	4 951	60 512	39 515
	1982	4 308 866	26 965	15 608	70 155	5 293	57 201	42 160
	$1,000, 1987	209 249	1 137	519	1 919	209	2 749	1 892
	1982	207 325	1 269	904	3 293	221	2 498	2 173
Hogs and pigs other than feeder pigs sold	farms, 1987	36 810	380	219	397	131	342	560
	1982	46 466	509	320	453	190	451	727
	number, 1987	19 022 833	128 563	75 692	128 575	26 282	178 308	257 063
	1982	19 492 251	144 754	100 125	133 189	29 840	199 939	267 160
	$1,000, 1987	2 284 913	15 317	8 813	16 033	2 998	21 054	31 828
	1982	2 343 163	17 288	11 773	15 852	3 394	23 611	32 177

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler
INVENTORY						
Hogs and pigs farms, 1987	392	257	343	563	432	532
1982	436	344	429	611	525	665
number, 1987	162 483	90 597	93 065	190 579	212 076	192 796
1982	137 758	103 934	99 410	195 143	220 793	201 770
Farms by inventory: 1 to 24 farms, 1987	32	38	45	66	21	56
1982	50	43	50	73	31	67
number, 1987	386	313	569	787	293	685
1982	636	534	543	832	419	771
25 to 49 farms, 1987	27	21	34	45	17	29
1982	33	30	49	45	17	31
number, 1987	969	768	1 141	1 625	600	1 011
1982	1 215	971	1 706	1 649	633	1 090
50 to 99 farms, 1987	44	24	55	70	36	51
1982	61	46	70	86	58	60
number, 1987	3 200	1 752	3 707	4 867	2 550	3 456
1982	4 280	3 280	4 926	6 497	4 288	5 792
100 to 199 farms, 1987	54	38	60	102	67	88
1982	72	68	91	118	100	157
number, 1987	7 686	5 331	8 581	14 335	9 669	12 257
1982	9 652	9 286	12 272	16 960	14 208	21 427
200 to 499 farms, 1987	125	80	88	134	134	169
1982	131	84	112	156	162	196
number, 1987	38 485	24 104	27 165	42 515	45 067	60 874
1982	41 807	25 457	32 964	50 112	51 931	61 296
500 to 999 farms, 1987	74	38	44	90	107	74
1982	66	55	43	95	109	99
number, 1987	51 096	24 816	28 375	61 029	70 960	46 348
1982	44 581	35 881	27 966	61 904	72 690	64 288
1,000 or more farms, 1987	36	16	17	44	50	45
1982	21	18	14	38	48	33
number, 1987	60 655	33 513	23 547	65 721	82 917	66 165
1982	35 585	28 516	19 033	57 189	76 624	47 106
Hogs and pigs used or to be used for breeding farms, 1987	247	168	241	410	303	357
1982	282	242	316	476	375	462
number, 1987	15 594	9 757	12 489	25 546	24 975	22 634
1982	14 038	11 857	11 996	22 965	24 435	22 156
1987 farms by inventory: 1 to 24	72	60	99	147	48	105
25 to 49	62	49	51	101	66	91
50 to 99	71	39	60	102	103	103
100 or more farms	42	20	31	60	64	58
number	7 474	4 766	5 554	13 263	14 978	11 449
Other hogs and pigs farms, 1987	371	249	327	521	419	511
1982	418	318	410	571	511	640
number, 1987	146 889	80 840	80 596	165 333	187 101	170 162
1982	123 720	92 077	87 414	172 178	196 358	179 614
LITTERS						
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 farms, 1987	268	176	259	428	312	375
1982	298	252	330	487	387	482
number, 1987	24 776	16 420	17 916	37 903	39 255	33 650
1982	20 476	16 913	16 180	37 180	38 569	31 145
Dec. 1 of preceding year and May 31 farms, 1987	250	164	233	392	302	344
1982	272	216	290	445	358	436
number, 1987	12 525	8 201	8 701	19 014	19 725	16 776
1982	10 002	8 424	8 860	18 664	19 025	15 671
June 1 and Nov. 30 farms, 1987	249	154	236	399	294	356
1982	270	224	298	455	362	430
number, 1987	12 251	8 219	9 215	18 889	19 530	16 874
1982	10 476	8 489	9 320	18 516	19 544	15 474
SALES						
Hogs and pigs sold farms, 1987	416	270	366	574	468	562
1982	473	362	472	652	566	720
number, 1987	275 866	177 753	180 944	373 171	388 304	367 816
1982	232 341	186 624	173 671	339 428	383 355	330 621
$1,000, 1987	30 363	18 559	18 688	37 214	42 058	38 444
1982	25 585	20 459	18 698	35 592	41 111	35 972
1987 farms by number sold: 1 to 24 farms	23	29	37	39	16	35
number	251	251	419	448	262	458
25 to 49 farms	26	14	24	32	21	28
number	962	474	894	1 107	744	999
50 to 99 farms	36	18	39	55	28	53
number	2 615	1 248	2 773	4 095	1 991	3 775
100 to 199 farms	49	28	55	68	38	66
number	7 177	4 230	7 878	9 966	5 575	9 232
200 to 499 farms	97	77	93	160	119	153
number	32 366	23 774	30 411	53 385	40 674	50 396
500 to 999 farms	101	52	63	102	112	110
number	71 376	35 644	42 742	71 500	79 982	75 879
1,000 or more farms	84	52	55	118	134	117
number	161 119	112 132	95 627	232 670	259 076	227 075
Feeder pigs sold farms, 1987	104	49	101	186	99	131
1982	98	86	110	187	100	154
number, 1987	38 686	41 969	33 727	100 752	64 412	66 609
1982	26 212	33 483	27 268	77 733	67 744	51 976
$1,000, 1987	1 650	2 247	1 559	4 100	3 066	3 055
1982	1 267	1 805	1 286	3 403	3 447	2 528
Hogs and pigs other than feeder pigs sold farms, 1987	398	261	351	527	450	543
1982	459	349	447	595	544	685
number, 1987	237 180	135 784	147 217	272 419	323 892	299 207
1982	204 129	153 141	146 603	261 695	315 611	278 645
$1,000, 1987	28 513	16 311	17 129	33 114	38 991	35 389
1982	24 299	18 654	17 412	32 189	37 664	33 444

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY							
Hogs and pigs farms, 1987	688	336	490	287	449	387	194
1982	760	436	605	375	557	448	260
number, 1987	277 305	93 655	206 391	118 772	177 791	129 308	39 709
1982	266 211	122 853	213 087	157 392	202 185	139 709	49 394
Farms by inventory:							
1 to 24 farms, 1987	27	41	24	34	29	32	33
1982	32	36	53	44	32	46	44
number, 1987	363	476	281	467	333	399	418
1982	327	503	732	548	425	606	520
25 to 49 farms, 1987	25	27	17	21	17	25	18
1982	30	40	32	26	17	48	30
number, 1987	929	953	586	739	644	830	603
1982	1 034	1 450	1 160	905	555	1 699	1 123
50 to 99 farms, 1987	66	46	42	27	36	65	38
1982	60	57	58	42	51	52	40
number, 1987	4 682	3 169	3 204	1 917	2 586	4 475	2 725
1982	4 049	4 120	4 322	3 045	3 749	3 718	3 032
100 to 199 farms, 1987	111	62	96	41	80	81	40
1982	166	109	102	51	111	94	60
number, 1987	15 268	8 613	13 460	5 750	10 987	11 321	5 648
1982	22 968	15 512	14 324	7 003	15 347	13 196	8 226
200 to 499 farms, 1987	243	98	191	89	157	103	44
1982	298	129	227	120	198	124	60
number, 1987	76 241	30 867	58 167	27 937	48 538	31 999	13 758
1982	87 223	38 849	70 005	37 118	61 018	37 444	17 130
500 to 999 farms, 1987	164	46	85	55	96	53	18
1982	144	52	95	61	111	51	22
number, 1987	106 545	30 092	56 863	34 767	64 499	34 796	13 107
1982	96 059	32 810	64 011	43 518	71 761	33 465	(D)
1,000 or more farms, 1987	52	16	35	20	34	28	3
1982	40	13	38	31	37	33	4
number, 1987	73 277	19 485	73 810	47 195	50 204	45 488	3 450
1982	54 551	29 609	58 533	65 255	49 330	49 561	(D)
Hogs and pigs used or to be used for breeding farms, 1987	506	225	385	220	297	277	153
1982	558	320	469	293	370	359	203
number, 1987	31 785	11 122	26 216	22 038	20 306	16 039	5 641
1982	26 854	14 217	25 893	23 402	18 431	16 760	5 659
1987 farms by inventory:							
1 to 24	119	79	97	51	77	98	74
25 to 49	142	62	104	38	76	72	41
50 to 99	144	56	108	63	89	64	28
100 or more farms	101	28	76	70	55	43	10
number	15 609	4 347	13 860	15 740	10 625	7 865	1 396
Other hogs and pigs farms, 1987	670	326	478	268	437	374	182
1982	727	431	576	348	546	426	237
number, 1987	245 520	82 533	180 175	96 734	157 465	113 269	34 068
1982	239 357	106 636	187 194	133 990	183 754	122 949	43 735
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 farms, 1987	523	229	401	233	308	288	160
1982	578	338	488	311	385	373	214
number, 1987	51 046	16 872	40 828	29 964	29 821	25 288	9 484
1982	41 645	20 306	40 766	30 105	29 850	25 703	8 295
Dec. 1 of preceding year and May 31 farms, 1987	506	216	376	222	283	260	149
1982	533	309	456	278	355	340	192
number, 1987	26 264	8 221	19 972	16 759	14 802	12 365	4 857
1982	21 104	10 163	20 535	16 189	15 241	13 056	4 199
June 1 and Nov. 30 farms, 1987	492	216	378	205	283	268	146
1982	537	304	452	261	346	338	187
number, 1987	24 782	8 651	20 856	13 205	15 019	12 923	4 627
1982	20 741	10 143	20 231	13 916	14 609	12 647	4 096
SALES							
Hogs and pigs sold farms, 1987	714	353	518	303	463	404	209
1982	807	475	644	411	588	495	277
number, 1987	510 765	167 856	355 042	253 333	315 806	236 486	73 511
1982	433 469	180 962	359 099	246 861	320 646	230 707	74 796
$1,000, 1987	52 683	17 465	39 699	24 288	34 361	23 635	8 132
1982	45 250	19 769	40 855	28 266	35 501	24 042	7 688
1987 farms by number sold:							
1 to 24 farms	21	34	26	21	19	32	13
number	319	470	336	277	216	394	164
25 to 49 farms	20	17	17	15	13	21	16
number	726	560	649	563	486	743	573
50 to 99 farms	39	40	35	25	44	30	34
number	2 819	2 697	2 614	1 823	3 325	2 131	2 498
100 to 199 farms	69	55	62	39	51	61	38
number	9 588	7 569	9 289	5 543	6 839	8 271	5 426
200 to 499 farms	194	95	152	58	134	115	63
number	62 702	30 146	47 672	19 470	43 889	35 711	19 999
500 to 999 farms	217	71	133	83	99	77	24
number	148 338	51 111	94 292	57 885	68 669	53 640	15 382
1,000 or more farms	154	41	93	62	103	68	21
number	286 273	75 303	200 190	167 772	192 382	135 596	29 469
Feeder pigs sold farms, 1987	168	66	102	69	73	103	60
1982	188	74	123	79	87	102	95
number, 1987	111 126	32 644	46 608	83 523	53 386	57 309	12 217
1982	90 963	27 551	49 994	27 669	49 521	50 987	17 855
$1,000, 1987	4 998	1 400	2 133	3 676	2 389	2 421	571
1982	4 371	1 242	2 452	1 274	2 118	2 388	845
Hogs and pigs other than feeder pigs sold farms, 1987	674	336	499	295	440	387	197
1982	740	462	607	397	568	473	261
number, 1987	399 639	135 212	308 434	169 810	262 420	179 177	61 294
1982	342 506	153 411	309 105	219 192	271 125	179 720	56 941
$1,000, 1987	47 684	16 064	37 566	20 612	31 972	21 214	7 561
1982	40 879	18 527	36 403	26 992	33 383	21 654	6 843

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decat
INVENTORY							
Hogs and pigs ... farms, 1987	276	756	586	574	208	245	18
1982	367	835	709	727	306	304	20
number, 1987	113 582	282 887	155 812	163 737	62 864	45 685	44 66
1982	125 809	241 347	190 626	186 206	75 572	53 263	47 86
Farms by inventory:							
1 to 24 ... farms, 1987	13	72	49	42	28	54	2
1982	37	98	77	71	55	77	3
number, 1987	159	925	536	585	318	652	27
1982	443	1 251	1 029	1 026	671	781	38
25 to 49 ... farms, 1987	16	50	55	50	15	33	1
1982	26	75	56	51	30	41	2
number, 1987	582	1 727	1 923	1 834	508	1 161	46
1982	973	2 752	2 043	1 717	1 089	1 430	83
50 to 99 ... farms, 1987	31	83	88	81	36	33	2
1982	42	116	97	112	43	64	2
number, 1987	2 270	5 826	6 035	5 681	2 713	2 294	1 51
1982	2 921	8 477	6 918	8 082	3 064	3 890	1 67
100 to 199 ... farms, 1987	52	143	136	130	39	37	4
1982	63	163	168	155	53	47	3
number, 1987	7 441	19 803	18 375	18 036	5 324	5 088	(I
1982	8 569	23 124	23 890	21 822	7 152	6 146	5 31
200 to 499 ... farms, 1987	83	205	174	176	56	68	2
1982	111	223	209	229	81	56	6
number, 1987	27 004	63 278	52 475	53 281	17 839	20 774	(I
1982	35 840	69 063	62 861	68 898	24 518	16 514	16 17
500 to 999 ... farms, 1987	55	142	86	72	24	16	2
1982	63	122	74	90	40	25	1
number, 1987	36 275	91 811	43 892	45 860	16 560	10 316	14 33
1982	43 231	79 804	47 697	56 563	27 864	17 422	11 23
1,000 or more ... farms, 1987	28	61	19	23	10	4	
1982	25	38	29	19	6	4	
number, 1987	39 851	99 517	32 574	38 460	19 622	5 400	14 97
1982	33 812	56 886	46 168	28 098	11 214	7 080	10 22
Hogs and pigs used or to be used for breeding ... farms, 1987	191	559	453	425	128	197	11
1982	251	656	551	542	189	229	16
number, 1987	12 807	35 036	20 348	20 909	6 490	6 956	6 38
1982	13 586	29 651	21 346	22 489	8 771	6 765	6 10
1987 farms by inventory:							
1 to 24	48	170	193	156	51	102	5
25 to 49	43	134	129	112	39	45	1
50 to 99	61	150	83	117	24	40	2
100 or more ... farms	39	105	48	40	14	10	1
number	6 509	17 593	7 937	7 052	2 905	1 552	3 20
Other hogs and pigs ... farms, 1987	270	733	557	552	199	223	15
1982	344	803	654	669	290	281	19
number, 1987	100 775	247 651	135 484	142 826	56 394	38 729	38 27
1982	112 223	211 496	169 280	163 717	66 801	46 496	41 75
LITTERS							
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 ... farms, 1987	195	579	478	441	134	200	11
1982	261	680	572	574	205	245	17
number, 1987	18 158	53 348	27 959	30 606	9 219	9 911	9 86
1982	19 973	44 095	33 190	32 076	11 900	9 230	9 48
Dec. 1 of preceding year and May 31 ... farms, 1987	177	538	439	411	119	184	11
1982	236	637	514	517	174	205	16
number, 1987	9 084	26 612	14 095	15 747	4 735	4 824	4 96
1982	10 108	21 996	16 817	16 514	6 019	4 602	4 83
June 1 and Nov. 30 ... farms, 1987	185	545	438	396	117	185	10
1982	238	618	523	515	183	213	15
number, 1987	9 074	26 736	13 864	14 861	4 484	5 087	4 87
1982	9 865	22 099	16 373	15 562	5 881	4 628	4 66
SALES							
Hogs and pigs sold ... farms, 1987	299	791	616	608	224	245	15
1982	387	876	757	800	323	322	22
number, 1987	194 631	474 860	271 236	271 314	111 556	88 454	89 4
1982	198 220	380 483	321 925	301 065	127 958	84 616	77 8
$1,000, 1987	22 439	52 187	29 631	29 247	12 417	9 235	8 4
1982	22 653	41 541	35 303	32 031	14 054	8 431	7 8
1987 farms by number sold:							
1 to 24 ... farms	11	45	42	40	16	24	
number	133	576	486	563	157	329	2
25 to 49 ... farms	16	50	36	38	20	27	
number	542	1 802	1 345	1 441	674	962	1
50 to 99 ... farms	30	67	74	56	27	35	
number	2 156	4 851	5 503	3 924	1 967	2 442	1 5
100 to 199 ... farms	31	110	103	107	31	43	
number	4 809	15 448	14 671	14 988	(D)	6 234	3 1
200 to 499 ... farms	83	202	186	185	60	56	
number	26 415	66 447	60 248	58 180	(D)	18 640	15 9
500 to 999 ... farms	68	177	108	117	29	39	
number	48 526	123 796	73 694	81 585	20 135	25 440	11 6
1,000 or more ... farms	60	140	65	65	41	21	
number	112 050	261 941	115 289	110 653	65 269	34 407	56 7
Feeder pigs sold ... farms, 1987	42	198	145	136	47	75	
1982	71	213	162	177	71	105	
number, 1987	12 185	71 294	46 414	49 014	11 297	22 830	31 9
1982	20 090	62 606	62 926	57 075	19 858	22 824	18 9
$1,000, 1987	579	3 248	2 264	2 346	550	1 135	1 7
1982	941	2 939	3 120	2 707	689	1 087	8
Hogs and pigs other than feeder pigs sold ... farms, 1987	294	754	586	580	214	229	1
1982	373	831	716	755	308	290	2
number, 1987	182 446	403 566	224 822	222 300	100 259	65 624	57 4
1982	178 130	317 877	258 999	243 990	108 100	61 792	58 9
$1,000, 1987	21 860	48 939	27 367	26 901	11 866	8 100	6 6
1982	21 712	38 602	32 183	29 324	13 165	7 344	7 0

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY								
Hogs and pigs farms, 1987	904	156	164	846	172	580	298	372
1982	954	228	230	943	209	687	350	478
number, 1987	456 589	44 293	62 826	298 355	54 902	204 401	101 386	168 089
1982	410 209	60 471	67 035	276 291	65 030	225 544	108 167	185 461
Farms by inventory:								
1 to 24 farms, 1987	39	31	6	60	15	54	32	23
1982	59	38	13	63	13	81	45	37
number, 1987	438	407	82	743	167	703	291	309
1982	702	524	174	746	174	929	435	496
25 to 49 farms, 1987	31	18	12	46	5	40	27	18
1982	53	29	19	85	20	44	27	27
number, 1987	1 038	(D)	(D)	1 614	161	1 467	951	661
1982	1 945	1 061	713	3 125	690	1 623	920	990
50 to 99 farms, 1987	59	21	14	94	22	71	43	42
1982	58	34	21	118	32	82	52	53
number, 1987	4 036	1 461	1 006	6 436	1 561	4 961	3 209	3 025
1982	4 426	2 422	1 403	8 482	2 171	6 186	3 898	3 564
100 to 199 farms, 1987	124	24	31	164	44	123	46	69
1982	139	44	43	201	43	149	65	103
number, 1987	17 675	(D)	(D)	26 055	6 268	17 642	6 368	10 299
1982	20 041	6 183	6 007	27 449	6 167	20 361	8 639	14 178
200 to 499 farms, 1987	311	35	68	262	47	162	87	121
1982	322	45	101	300	57	189	101	143
number, 1987	101 791	11 224	21 916	82 212	13 684	50 487	26 629	37 536
1982	103 103	14 021	29 181	92 632	18 083	58 763	31 280	42 992
500 to 999 farms, 1987	229	17	21	142	27	84	39	67
1982	239	28	25	137	33	88	35	81
number, 1987	159 976	11 608	14 014	92 339	16 801	56 820	25 347	43 656
1982	160 452	16 965	18 557	89 798	22 317	58 139	24 353	53 936
1,000 or more farms, 1987	111	10	12	58	12	46	24	32
1982	84	10	8	39	11	54	25	34
number, 1987	171 635	15 567	20 933	88 954	16 240	72 321	38 591	72 603
1982	119 536	19 295	11 000	56 049	15 428	79 543	38 442	69 305
Hogs and pigs used or to be used for breeding farms, 1987	753	111	119	671	111	421	201	237
1982	815	160	169	759	131	511	240	334
number, 1987	59 108	5 841	7 602	40 531	6 618	24 647	11 741	21 718
1982	48 887	7 449	7 760	31 494	7 177	25 549	13 788	26 535
1987 farms by inventory:								
1 to 24	116	52	33	174	29	120	68	55
25 to 49	176	24	37	186	37	122	61	61
50 to 99	248	23	26	198	28	96	38	58
100 or more farms	213	12	23	113	17	74	34	63
number	34 024	2 818	4 015	18 476	3 009	12 196	3 414	14 932
Other hogs and pigs farms, 1987	874	152	159	807	164	559	292	363
1982	912	214	221	898	202	659	336	458
number, 1987	397 481	38 452	55 224	257 824	48 284	179 754	89 645	146 371
1982	361 322	53 022	59 275	246 797	57 853	199 995	94 379	158 926
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 farms, 1987	771	118	125	684	116	443	207	248
1982	832	171	174	787	137	539	262	346
number, 1987	87 616	9 267	10 753	61 002	8 491	37 568	19 161	33 319
1982	77 033	10 526	11 330	48 711	10 231	38 283	19 184	33 631
Dec. 1 of preceding year and May 31 farms, 1987	734	109	117	648	105	400	196	227
1982	792	158	158	743	126	496	240	308
number, 1987	44 138	4 681	5 486	30 611	4 148	18 456	9 762	16 557
1982	38 680	5 400	5 688	24 547	5 149	19 172	9 665	16 775
June 1 and Nov. 30 farms, 1987	741	103	115	650	106	415	187	236
1982	786	152	157	708	125	492	237	305
number, 1987	43 478	4 586	5 267	30 391	4 343	19 112	9 399	16 762
1982	38 353	5 126	5 642	24 164	5 082	19 111	9 519	16 856
SALES								
Hogs and pigs sold farms, 1987	930	174	179	892	182	611	311	400
1982	1 004	250	242	982	222	731	377	516
number, 1987	747 477	91 237	102 886	517 669	102 578	368 889	199 066	353 402
1982	601 584	107 426	109 195	415 762	117 776	383 763	189 183	324 355
$1,000, 1987	82 525	9 172	11 822	54 171	10 940	39 880	20 139	36 557
1982	66 327	10 900	12 071	45 429	12 232	42 196	20 248	37 964
1987 farms by number sold:								
1 to 24 farms	33	21	6	42	12	40	33	19
number	402	265	66	496	165	520	397	271
25 to 49 farms	26	15	6	40	10	37	25	14
number	911	515	190	1 450	401	1 384	860	511
50 to 99 farms	36	21	16	62	19	54	16	33
number	2 577	1 550	1 178	4 334	1 364	3 895	1 158	2 393
100 to 199 farms	93	31	23	114	25	88	37	54
number	13 236	4 010	3 184	16 179	3 504	(D)	5 429	7 847
200 to 499 farms	214	35	64	285	45	150	78	94
number	67 581	10 947	21 162	90 062	13 957	(D)	25 726	30 323
500 to 999 farms	267	29	39	201	31	130	69	99
number	192 545	19 956	27 026	139 211	22 283	89 259	46 755	70 261
1,000 or more farms	261	22	25	148	40	112	53	87
number	470 225	53 984	50 080	265 937	60 904	212 065	110 741	241 796
Feeder pigs sold farms, 1987	239	40	47	231	39	137	81	71
1982	202	49	40	220	46	141	77	90
number, 1987	94 104	23 580	12 558	109 732	15 450	66 170	52 962	83 541
1982	85 852	25 864	12 716	64 081	24 546	57 304	35 154	59 078
$1,000, 1987	4 250	1 230	612	5 001	649	3 081	2 541	4 011
1982	3 873	1 369	635	2 994	1 225	2 560	1 819	2 648
Hogs and pigs other than feeder pigs sold farms, 1987	893	172	172	839	176	568	299	395
1982	966	241	229	935	213	694	365	499
number, 1987	653 373	67 657	90 328	407 937	87 128	302 719	146 104	269 861
1982	515 732	81 562	96 479	351 681	93 230	326 459	154 029	265 277
$1,000, 1987	78 205	7 942	11 210	49 170	10 291	36 800	17 597	32 546
1982	62 454	9 531	11 437	42 435	11 007	39 627	18 430	35 316

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
INVENTORY								
Hogs and pigs farms, 1987	162	182	384	305	323	374	380	250
1982	183	286	467	393	414	476	461	370
number, 1987	51 782	80 342	142 762	91 654	175 422	153 874	209 335	61 961
1982	50 841	94 448	163 077	104 103	192 245	165 184	207 276	84 763
Farms by inventory:								
1 to 24 farms, 1987	25	16	24	48	29	34	24	29
1982	22	21	28	73	32	28	31	60
number, 1987	321	183	275	498	334	401	278	378
1982	249	202	378	821	447	355	330	634
25 to 49 farms, 1987	11	15	28	24	15	20	19	25
1982	18	25	27	23	18	26	20	36
number, 1987	378	478	1 014	810	494	898	661	898
1982	626	959	994	783	639	886	718	1 208
50 to 99 farms, 1987	24	22	37	38	17	41	28	47
1982	21	44	54	61	41	49	43	48
number, 1987	1 785	1 587	2 644	2 784	1 255	2 874	2 030	3 185
1982	1 529	3 087	3 945	4 296	3 008	3 527	2 948	3 200
100 to 199 farms, 1987	31	29	72	60	46	62	53	56
1982	44	51	95	74	73	74	92	99
number, 1987	4 114	4 062	9 345	8 204	6 443	8 878	7 880	7 850
1982	6 171	7 165	13 693	10 039	11 204	10 209	12 790	13 171
200 to 499 farms, 1987	40	58	118	88	105	107	119	63
1982	52	81	161	109	130	168	132	85
number, 1987	12 054	17 524	37 309	25 148	34 240	33 972	39 341	19 233
1982	17 104	24 280	47 566	32 453	41 519	52 815	41 440	25 214
500 to 999 farms, 1987	22	23	83	32	66	74	76	25
1982	16	48	78	36	64	96	89	32
number, 1987	14 884	16 504	54 125	20 439	44 962	49 515	50 531	16 203
1982	11 117	32 522	52 374	22 360	57 966	65 081	58 753	21 371
1,000 or more farms, 1987	9	19	22	15	45	38	61	5
1982	10	16	24	17	36	35	54	10
number, 1987	18 246	40 004	37 450	33 971	87 694	57 536	108 634	14 214
1982	14 045	26 233	44 127	33 351	77 462	52 331	90 297	19 965
Hogs and pigs used or to be used for breeding farms, 1987	115	110	271	208	253	267	274	160
1982	132	171	337	272	315	350	326	255
number, 1987	7 073	8 656	17 179	10 908	23 017	20 705	26 354	8 818
1982	6 448	8 826	16 409	11 744	25 184	21 486	22 481	10 758
1987 farms by inventory:								
1 to 24	47	39	65	89	66	56	51	60
25 to 49	23	33	74	61	52	61	62	39
50 to 99	27	17	87	37	61	81	77	24
100 or more farms	18	21	45	21	74	69	84	17
number	3 885	5 819	7 958	4 947	15 966	12 175	18 037	4 841
Other hogs and pigs farms, 1987	154	178	367	292	311	361	386	241
1982	169	274	445	369	391	455	442	353
number, 1987	44 709	71 686	125 583	80 946	152 405	133 169	182 981	53 143
1982	44 393	85 622	144 668	92 359	167 061	163 698	184 795	74 005
LITTERS								
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 farms, 1987	121	115	279	216	261	278	288	167
1982	138	179	353	292	329	363	338	272
number, 1987	9 529	15 587	24 968	16 486	33 420	28 820	38 232	11 677
1982	8 096	13 594	26 689	18 448	35 272	31 669	32 355	16 408
Dec. 1 of preceding year and May 31 farms, 1987	113	111	260	196	245	255	272	155
1982	127	163	317	265	305	336	308	242
number, 1987	5 004	7 845	12 927	8 247	15 955	14 237	19 171	5 776
1982	3 998	6 843	13 072	9 505	17 125	16 428	15 543	8 466
June 1 and Nov. 30 farms, 1987	104	110	262	199	243	262	271	156
1982	124	163	321	265	293	329	316	220
number, 1987	4 525	7 742	12 061	8 239	17 465	14 583	19 061	5 901
1982	4 098	6 751	13 617	8 943	18 147	15 241	16 812	7 942
SALES								
Hogs and pigs sold farms, 1987	166	207	403	318	340	401	406	280
1982	193	317	496	415	444	509	493	385
number, 1987	89 328	161 714	282 242	160 645	296 597	271 442	398 480	132 658
1982	72 925	158 153	287 986	167 310	330 776	301 863	352 307	175 574
$1,000, 1987	9 875	17 974	29 918	17 018	32 318	28 671	42 300	12 240
1982	8 015	17 685	31 341	17 657	35 871	33 051	39 074	15 179
1987 farms by number sold:								
1 to 24 farms	17	18	12	31	20	23	14	20
number	237	201	194	344	234	284	175	216
25 to 49 farms	13	6	18	21	11	15	13	19
number	506	218	671	736	401	504	452	642
50 to 99 farms	17	25	32	28	11	26	31	27
number	1 217	1 801	2 243	2 068	763	1 826	2 138	1 896
100 to 199 farms	25	29	39	51	38	49	34	53
number	3 433	3 962	5 569	7 194	5 562	6 936	5 049	7 168
200 to 499 farms	49	52	107	91	92	102	90	75
number	14 463	16 926	33 312	26 711	29 543	33 875	31 247	22 956
500 to 999 farms	19	28	108	55	80	97	98	33
number	13 671	19 125	75 754	37 239	57 212	67 907	69 438	21 592
1,000 or more farms	26	49	87	41	88	89	126	33
number	55 601	119 479	164 499	86 353	202 882	160 110	289 961	78 188
Feeder pigs sold farms, 1987	31	46	94	72	70	97	98	65
1982	36	61	104	102	95	88	77	99
number, 1987	10 857	23 173	55 794	36 265	52 328	44 104	76 899	48 297
1982	11 012	19 397	45 828	33 452	65 987	33 064	50 962	68 947
$1,000, 1987	488	1 024	2 740	1 764	2 600	2 147	3 753	2 115
1982	505	948	2 306	1 633	3 605	1 554	2 606	2 847
Hogs and pigs other than feeder pigs sold farms, 1987	162	196	377	294	325	385	379	243
1982	186	302	478	391	427	496	480	356
number, 1987	78 471	138 541	226 448	124 380	244 289	227 338	321 561	84 361
1982	61 913	138 756	242 158	133 858	264 789	268 799	301 345	106 627
$1,000, 1987	9 387	16 950	27 178	15 254	29 718	26 524	38 547	10 124
1982	7 510	16 737	29 036	16 024	32 266	31 498	36 468	12 332

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
INVENTORY								
Hogs and pigs farms, 1987	254	358	199	313	450	561	490	234
1982	332	427	274	381	588	655	638	316
number, 1987	98 895	96 541	95 334	92 880	158 470	135 989	208 824	77 588
1982	123 635	96 108	102 062	113 442	169 986	151 223	237 087	89 253
Farms by inventory:								
1 to 24 farms, 1987	37	32	15	15	50	74	25	33
1982	42	68	19	17	43	87	57	43
number, 1987	362	412	212	175	686	903	305	456
1982	389	865	241	194	527	1 064	649	540
25 to 49 farms, 1987	17	38	11	19	31	66	22	12
1982	32	37	24	22	31	71	43	28
number, 1987	579	1 380	397	659	1 120	2 379	743	426
1982	1 086	1 315	862	727	1 147	2 538	1 658	1 013
50 to 99 farms, 1987	28	47	25	35	41	84	46	34
1982	25	71	30	45	56	85	66	52
number, 1987	2 016	3 339	1 751	2 290	2 869	5 937	3 194	2 340
1982	1 780	5 060	2 144	3 240	3 968	6 098	4 610	3 687
100 to 199 farms, 1987	31	79	33	69	68	90	97	47
1982	49	88	57	94	123	130	94	58
number, 1987	4 303	11 052	4 556	9 780	9 129	12 258	13 829	6 511
1982	6 707	12 022	7 913	12 839	17 546	17 738	12 339	8 351
200 to 499 farms, 1987	76	106	55	128	153	180	162	57
1982	93	112	77	137	207	192	215	83
number, 1987	23 855	33 009	(D)	36 858	47 775	54 894	53 771	17 503
1982	29 924	34 184	23 311	42 191	66 315	56 273	68 280	24 867
500 to 999 farms, 1987	36	40	35	31	80	48	96	33
1982	60	37	43	52	102	70	116	37
number, 1987	24 346	26 444	(D)	20 484	51 914	31 636	65 365	21 902
1982	40 522	24 947	28 351	33 156	63 523	42 629	78 417	26 986
1,000 or more farms, 1987	29	16	25	16	27	19	42	18
1982	31	14	24	14	26	20	47	15
number, 1987	43 434	22 905	48 643	20 634	44 977	27 962	71 617	28 448
1982	43 227	19 695	39 240	21 095	36 960	24 883	71 134	23 809
Hogs and pigs used or to be used for breeding farms, 1987	199	281	125	203	378	445	395	175
1982	250	344	173	256	493	540	515	245
number, 1987	13 642	13 798	10 657	10 188	20 839	19 924	25 478	9 407
1982	14 834	12 357	11 679	11 841	23 884	18 817	27 158	11 107
1987 farms by inventory:								
1 to 24	61	101	40	66	114	175	94	74
25 to 49	51	87	27	62	102	136	98	40
50 to 99	38	52	26	51	113	92	128	32
100 or more farms	49	41	30	24	46	42	75	29
number	8 706	6 405	7 164	3 763	8 255	6 938	12 083	4 872
Other hogs and pigs farms, 1987	240	342	189	306	430	511	477	221
1982	317	389	267	361	561	603	606	297
number, 1987	85 253	84 743	84 677	82 692	137 631	116 045	183 346	68 181
1982	108 601	85 751	90 383	101 601	166 102	132 406	209 929	78 146
LITTERS								
Litters of pigs farrowed between— Dec. 1 of preceding year and Nov. 30 farms, 1987	208	290	132	215	384	459	408	177
1982	259	362	186	266	504	563	539	260
number, 1987	21 873	19 057	15 970	16 161	29 752	29 188	39 897	15 258
1982	22 961	18 108	17 227	17 164	37 148	28 595	43 757	17 822
Dec. 1 of preceding year and May 31 farms, 1987	196	267	121	200	366	423	389	159
1982	242	319	174	241	472	524	502	226
number, 1987	10 982	9 332	8 321	8 212	15 288	14 367	19 633	7 542
1982	11 408	8 953	8 681	8 422	18 824	14 532	21 831	8 989
June 1 and Nov. 30 farms, 1987	193	256	119	202	357	422	390	167
1982	229	316	163	251	467	501	501	237
number, 1987	10 891	9 725	7 649	7 949	14 464	14 821	20 264	7 716
1982	11 553	9 155	8 546	8 742	18 324	14 063	21 926	8 833
SALES								
Hogs and pigs sold farms, 1987	275	366	219	347	462	581	510	255
1982	385	461	305	408	615	683	687	345
number, 1987	177 634	163 639	182 114	168 106	253 035	244 383	349 763	144 528
1982	210 844	150 731	202 832	181 930	311 149	232 138	390 840	158 328
$1,000, 1987	18 878	17 427	18 662	19 425	29 627	24 761	38 270	14 121
1982	21 976	16 274	20 302	19 936	34 384	24 591	42 665	15 272
1987 farms by number sold:								
1 to 24 farms	25	19	10	12	26	43	22	29
number	212	263	141	163	318	515	297	436
25 to 49 farms	29	24	9	15	25	43	21	16
number	1 067	824	297	517	979	1 526	756	553
50 to 99 farms	21	38	21	39	44	66	19	33
number	1 420	2 806	1 531	2 928	3 087	4 743	1 323	2 359
100 to 199 farms	26	67	31	57	64	81	60	32
number	(D)	(D)	4 060	7 849	9 184	11 290	8 394	4 430
200 to 499 farms	69	109	52	95	122	186	146	62
number	(D)	(D)	16 934	28 918	40 365	58 285	47 496	19 491
500 to 999 farms	41	66	44	67	110	104	129	44
number	29 048	44 653	31 476	58 672	75 881	68 983	92 954	32 524
1,000 or more farms	64	43	52	42	70	58	113	39
number	120 255	72 083	127 675	69 059	123 221	99 041	198 543	84 735
Feeder pigs sold farms, 1987	57	99	36	57	102	177	112	57
1982	91	111	51	84	134	197	154	96
number, 1987	33 187	28 931	37 405	17 133	25 134	63 011	54 329	41 150
1982	39 889	26 952	52 234	23 564	41 934	46 875	62 009	45 867
$1,000, 1987	1 405	1 314	1 939	786	1 321	2 817	2 517	1 360
1982	1 962	1 238	2 613	1 159	2 077	2 218	2 980	2 132
Hogs and pigs other than feeder pigs sold farms, 1987	264	345	215	333	445	533	481	236
1982	342	446	297	393	589	624	664	303
number, 1987	144 447	134 708	144 709	150 973	227 901	181 372	295 434	103 378
1982	170 955	123 779	150 598	158 366	269 215	185 263	328 831	112 461
$1,000, 1987	17 473	16 113	16 723	18 639	28 305	21 945	35 754	12 161
1982	20 014	15 036	17 689	18 777	32 307	22 373	39 686	13 140

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY								
Hogs and pigs farms, 1987	569	500	456	608	271	478	215	140
1982	704	615	625	765	346	573	275	215
number, 1987	201 494	196 170	187 744	232 616	105 496	127 753	66 270	28 113
1982	234 555	201 531	262 012	267 060	121 785	130 692	67 665	38 914
Farms by inventory:								
1 to 24 farms, 1987	52	37	43	44	38	75	23	25
1982	77	55	62	55	50	107	30	22
number, 1987	573	526	530	502	432	819	277	295
1982	822	577	875	636	419	1 149	373	306
25 to 49 farms, 1987	38	37	28	29	13	54	16	15
1982	49	36	40	46	31	64	17	25
number, 1987	1 362	1 355	991	1 042	466	1 935	553	561
1982	1 746	1 336	1 464	1 691	1 076	2 192	586	888
50 to 99 farms, 1987	77	49	42	66	23	58	25	22
1982	86	85	48	94	45	82	33	40
number, 1987	5 973	3 473	3 312	4 647	1 673	4 030	1 827	1 485
1982	6 137	5 772	3 670	6 764	3 105	5 736	2 432	2 908
100 to 199 farms, 1987	94	107	75	119	50	83	37	29
1982	132	109	87	160	48	107	54	55
number, 1987	(D)	15 339	10 163	17 452	6 709	11 285	5 131	3 953
1982	16 543	15 458	12 151	21 888	6 408	14 520	7 145	7 792
200 to 499 farms, 1987	180	149	129	201	74	127	62	33
1982	205	197	202	246	93	136	76	56
number, 1987	(D)	46 538	41 603	62 820	23 322	39 020	18 208	10 024
1982	63 088	61 346	63 499	76 100	29 367	41 636	24 410	16 321
500 to 999 farms, 1987	84	81	95	97	45	59	45	14
1982	102	98	123	110	47	55	55	16
number, 1987	56 926	54 720	64 462	65 780	29 978	41 040	29 078	(D)
1982	70 129	63 927	81 206	73 969	31 940	36 538	35 564	(D)
1,000 or more farms, 1987	44	40	44	50	28	22	7	2
1982	53	35	63	54	32	22	10	1
number, 1987	67 061	74 219	66 683	80 373	42 916	29 624	11 196	(D)
1982	74 090	53 115	99 147	86 032	48 470	29 119	17 155	(D)
Hogs and pigs used or to be used for breeding farms, 1987	452	361	395	445	201	351	179	101
1982	564	449	530	550	256	426	217	174
number, 1987	26 758	28 826	26 777	28 391	13 308	16 678	9 477	3 810
1982	28 801	23 913	30 152	29 801	13 959	16 940	11 053	5 561
1987 farms by inventory:								
1 to 24	138	101	117	115	65	150	54	50
25 to 49	135	89	76	138	40	79	54	24
50 to 99	95	90	111	103	54	81	48	19
100 or more farms	84	81	91	89	42	41	23	8
number	13 757	18 193	15 073	15 020	7 472	6 639	3 622	1 122
Other hogs and pigs farms, 1987	547	482	435	582	262	454	207	129
1982	670	585	591	734	323	538	259	205
number, 1987	174 736	167 344	160 967	204 225	92 188	111 075	56 793	24 303
1982	205 754	177 618	231 860	237 279	107 826	113 962	76 612	33 333
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 farms, 1987	472	372	408	457	210	370	168	105
1982	612	470	546	575	272	448	226	184
number, 1987	42 476	40 954	42 616	41 901	20 481	23 241	14 143	5 612
1982	44 989	37 402	46 608	44 760	22 155	23 252	16 342	7 808
Dec. 1 of preceding year and May 31 farms, 1987	451	347	389	425	200	334	162	94
1982	571	428	502	533	255	403	211	160
number, 1987	21 419	19 862	21 605	21 565	10 239	11 403	7 036	2 776
1982	22 314	18 579	23 156	22 719	11 005	11 642	8 259	3 808
June 1 and Nov. 30 farms, 1987	440	358	385	429	195	340	174	90
1982	568	434	500	516	242	389	204	163
number, 1987	21 057	21 092	21 011	20 336	10 242	11 838	7 107	2 836
1982	22 675	18 823	23 452	22 041	11 150	11 610	8 083	4 000
SALES								
Hogs and pigs sold farms, 1987	594	534	486	647	285	508	228	142
1982	747	648	658	816	363	611	295	240
number, 1987	350 424	360 436	350 450	392 010	187 062	208 731	114 918	46 575
1982	389 509	327 586	395 304	453 134	198 754	203 365	139 839	63 384
$1,000, 1987	37 802	37 865	37 209	43 210	20 227	23 876	12 750	4 796
1982	40 773	36 711	42 112	49 465	20 406	23 352	15 091	6 357
1987 farms by number sold:								
1 to 24 farms	31	27	22	24	26	57	16	15
number	297	360	275	261	298	596	171	169
25 to 49 farms	26	20	16	26	14	44	16	11
number	955	771	571	895	534	1 502	544	386
50 to 99 farms	47	53	40	53	25	55	15	20
number	3 373	3 740	2 954	3 851	1 703	3 936	1 055	1 426
100 to 199 farms	81	92	53	96	35	78	36	24
number	11 565	13 221	7 310	13 514	(D)	11 287	5 244	3 459
200 to 499 farms	183	133	122	197	73	132	47	43
number	59 464	42 977	39 470	61 447	(D)	40 132	15 017	13 707
500 to 999 farms	120	110	112	128	49	80	64	21
number	82 295	73 081	76 541	90 531	38 132	54 594	42 372	14 953
1,000 or more farms	106	99	121	123	63	62	32	8
number	192 475	226 266	223 329	221 511	118 855	96 684	50 515	12 475
Feeder pigs sold farms, 1987	155	102	127	155	64	112	55	32
1982	212	119	147	155	95	132	77	63
number, 1987	63 616	72 849	69 402	55 672	29 569	24 041	15 639	8 376
1982	83 606	44 962	63 139	57 404	40 546	28 677	24 827	13 078
$1,000, 1987	3 092	3 566	3 484	2 623	1 430	1 135	725	355
1982	4 431	2 195	3 009	2 811	1 931	1 373	1 163	619
Hogs and pigs other than feeder pigs sold farms, 1987	565	513	455	618	280	484	212	136
1982	685	619	607	784	349	578	261	230
number, 1987	286 808	287 587	281 048	336 338	157 493	184 690	99 279	38 199
1982	305 901	282 624	332 165	395 730	158 208	174 688	115 012	50 306
$1,000, 1987	34 709	34 298	33 725	40 587	18 796	22 741	12 026	4 441
1982	36 342	34 516	39 102	46 654	18 476	21 979	13 928	5 738

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY								
Hogs and pigs ...farms, 1987	567	275	496	381	300	169	387	230
1982	714	411	634	506	359	231	434	292
number, 1987	200 491	71 853	231 333	129 745	110 052	42 997	145 781	57 242
1982	201 205	96 007	277 006	162 451	113 677	58 529	160 352	68 466
Farms by inventory: 1 to 24 ...farms, 1987	45	51	41	47	34	30	50	31
1982	42	59	42	59	31	32	40	38
number, 1987	624	610	439	620	367	288	670	376
1982	579	684	503	769	324	376	498	438
25 to 49 ...farms, 1987	26	26	26	46	22	8	30	24
1982	43	46	37	46	36	18	32	26
number, 1987	966	906	968	1 656	799	299	1 156	889
1982	1 547	1 606	1 391	1 656	1 301	603	1 132	897
50 to 99 ...farms, 1987	56	41	38	33	28	28	41	35
1982	96	57	65	66	40	34	54	40
number, 1987	3 714	2 951	2 834	2 172	1 967	1 916	2 797	2 448
1982	7 084	4 086	4 417	4 771	2 795	2 378	3 894	2 815
100 to 199 ...farms, 1987	121	51	61	55	58	37	66	47
1982	188	98	81	78	65	57	70	63
number, 1987	17 448	7 404	8 395	7 726	8 432	5 469	9 100	6 490
1982	25 955	13 658	11 437	10 765	9 007	7 762	9 420	8 987
200 to 499 ...farms, 1987	205	63	177	118	88	45	108	63
1982	218	98	194	150	112	59	144	89
number, 1987	63 171	19 037	57 949	36 300	28 668	14 145	35 049	19 745
1982	64 158	29 190	62 833	46 254	35 782	18 190	45 557	27 804
500 to 999 ...farms, 1987	75	35	101	59	44	18	59	24
1982	101	37	158	76	58	25	61	30
number, 1987	50 044	24 061	70 401	38 987	29 107	12 462	41 358	16 256
1982	62 672	23 428	103 406	50 5[illegible]6	38 496	16 791	41 758	19 442
1,000 or more ...farms, 1987	39	8	52	23	26	3	33	6
1982	26	16	57	33	17	6	33	6
number, 1987	64 524	16 884	90 349	42 284	40 712	8 418	55 651	11 038
1982	39 010	25 353	93 219	47 638	25 972	12 439	58 093	8 083
Hogs and pigs used or to be used for breeding ...farms, 1987	373	223	396	308	230	114	286	167
1982	433	321	511	432	258	169	317	229
number, 1987	23 967	9 676	30 275	19 601	14 682	5 420	20 494	8 010
1982	20 913	12 262	33 124	23 942	14 386	6 740	19 600	8 951
1987 farms by inventory: 1 to 24	113	110	101	85	76	47	89	69
25 to 49	96	49	80	87	50	38	66	35
50 to 99	94	44	120	86	59	21	70	46
100 or more ...farms	70	20	95	50	45	8	61	17
number	12 737	3 688	17 644	9 688	7 734	1 962	12 169	2 967
Other hogs and pigs ...farms, 1987	549	255	477	344	290	158	365	217
1982	689	394	610	480	343	212	419	273
number, 1987	176 524	62 177	201 058	110 144	95 370	37 577	125 287	49 232
1982	180 292	85 745	243 882	138 509	99 291	51 789	140 752	59 515
LITTERS								
Litters of pigs farrowed between—Dec. 1 of preceding year and Nov. 30 ...farms, 1987	394	238	415	330	236	115	298	175
1982	455	338	538	454	276	178	330	239
number, 1987	38 967	14 223	46 739	26 342	22 816	7 572	29 668	10 056
1982	32 647	18 134	54 436	33 770	22 109	9 410	29 344	12 149
Dec. 1 of preceding year and May 31 ...farms, 1987	367	208	386	310	219	110	270	160
1982	419	312	504	414	252	170	309	215
number, 1987	19 880	6 692	23 449	13 215	11 006	3 840	14 709	5 051
1982	16 378	9 217	27 204	15 990	11 515	4 950	14 775	6 101
June 1 and Nov. 30 ...farms, 1987	367	211	395	298	226	106	281	161
1982	415	300	497	416	246	150	307	209
number, 1987	19 067	7 531	23 290	13 127	11 810	3 732	14 959	5 005
1982	16 269	8 917	27 232	17 780	10 594	4 460	14 569	6 048
SALES								
Hogs and pigs sold ...farms, 1987	599	297	534	402	315	170	406	247
1982	768	441	688	549	389	246	464	321
number, 1987	404 640	123 559	407 094	227 507	191 669	77 324	273 074	101 724
1982	364 117	160 842	446 177	280 905	199 017	105 463	250 435	117 707
$1,000, 1987	39 883	12 792	44 745	23 307	21 256	8 627	29 681	11 173
1982	38 757	16 901	48 316	28 181	21 938	11 109	27 903	12 647
1987 farms by number sold: 1 to 24 ...farms	20	33	24	17	28	11	23	20
number	267	469	298	212	348	113	266	188
25 to 49 ...farms	17	24	23	27	17	11	25	25
number	627	853	671	935	581	(D)	893	860
50 to 99 ...farms	32	42	35	35	28	14	47	28
number	2 202	3 035	2 658	2 503	2 005	(D)	3 411	2 138
100 to 199 ...farms	91	42	65	54	33	41	57	40
number	(D)	5 824	9 318	7 888	4 513	5 752	7 848	5 636
200 to 499 ...farms	188	78	135	124	84	46	95	64
number	(D)	24 307	43 502	39 946	25 378	15 075	30 224	20 029
500 to 999 ...farms	130	54	120	75	63	30	74	52
number	69 690	39 743	87 244	51 129	43 669	18 806	51 437	36 262
1,000 or more ...farms	121	24	132	70	62	15	85	18
number	239 454	49 306	263 203	124 894	115 175	36 351	178 975	36 611
Feeder pigs sold ...farms, 1987	164	83	110	141	59	27	102	64
1982	154	157	162	183	68	47	81	76
number, 1987	106 898	24 129	58 357	63 237	22 717	7 036	45 999	18 712
1982	69 931	41 363	71 489	72 108	32 790	23 083	27 217	20 443
$1,000, 1987	4 839	1 119	2 484	3 232	1 070	304	2 321	799
1982	3 092	1 872	3 282	3 891	1 590	1 033	1 378	929
Hogs and pigs other than feeder pigs sold ...farms, 1987	558	281	510	371	305	160	397	234
1982	719	407	651	494	375	241	447	301
number, 1987	297 742	99 430	348 737	164 270	168 952	70 288	227 075	83 012
1982	294 186	119 479	374 688	208 797	166 227	82 380	223 218	97 264
$1,000, 1987	35 044	11 672	42 262	20 074	20 186	8 323	27 360	10 374
1982	35 665	15 029	45 033	24 290	20 349	10 076	26 524	11 718

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
INVENTORY								
Hogs and pigs ......farms, 1987	161	229	271	536	260	315	342	865
1982	245	275	389	578	346	412	400	1 035
number, 1987	31 726	61 284	91 269	219 771	97 240	82 672	113 704	333 224
1982	51 104	71 985	120 660	210 546	105 217	105 826	130 288	364 849
Farms by inventory:								
1 to 24 ......farms, 1987	37	24	33	30	16	23	22	38
1982	51	18	40	34	33	40	19	66
number, 1987	390	303	424	390	188	324	289	588
1982	524	162	493	430	440	454	217	828
25 to 49 ......farms, 1987	17	21	21	29	14	42	17	55
1982	29	23	21	27	15	31	23	42
number, 1987	603	735	752	1 104	521	1 496	584	1 914
1982	1 007	843	704	972	530	1 094	632	1 546
50 to 99 ......farms, 1987	28	23	30	56	31	54	38	86
1982	40	39	50	57	38	66	45	91
number, 1987	1 962	1 566	2 053	4 042	2 222	3 778	2 816	6 095
1982	2 798	2 938	3 436	4 180	2 742	4 557	3 209	6 430
100 to 199 ......farms, 1987	28	60	46	110	53	60	70	142
1982	41	65	77	109	87	98	83	187
number, 1987	3 561	8 634	6 807	16 248	7 194	8 364	9 769	19 998
1982	5 543	9 308	10 671	15 630	11 722	12 781	11 711	26 294
200 to 499 ......farms, 1987	35	71	76	174	93	88	120	301
1982	53	97	122	219	115	122	150	384
number, 1987	11 110	21 930	23 194	53 694	28 587	26 570	37 641	94 166
1982	15 764	29 141	36 821	67 880	34 866	37 297	45 889	116 408
500 to 999 ......farms, 1987	12	20	45	82	41	36	56	173
1982	25	23	58	92	47	41	58	210
number, 1987	7 685	13 552	30 075	56 601	26 684	23 541	37 293	114 405
1982	15 810	15 176	36 132	60 665	29 008	27 264	37 087	138 455
1,000 or more ......farms, 1987	4	10	20	55	12	12	19	70
1982	6	10	21	40	11	14	22	55
number, 1987	6 415	14 544	27 964	87 694	31 844	18 599	25 312	96 058
1982	9 658	14 417	32 403	60 588	25 909	22 381	31 343	74 888
Hogs and pigs used or to be used for breeding ......farms, 1987	119	175	200	365	157	224	233	678
1982	195	207	303	387	203	297	292	803
number, 1987	5 046	8 354	10 290	25 937	10 950	10 634	13 572	47 344
1982	7 143	8 943	13 093	23 017	11 158	11 485	14 579	45 125
1987 farms by inventory:								
1 to 24	69	63	66	103	36	91	66	159
25 to 49	28	52	55	104	47	61	63	138
50 to 99	16	37	51	89	52	46	66	216
100 or more ......farms	6	23	26	69	22	26	34	165
number	(D)	3 354	3 932	14 950	5 341	4 350	6 036	25 605
Other hogs and pigs ......farms, 1987	150	218	256	517	252	307	337	833
1982	214	265	372	551	329	402	387	997
number, 1987	26 680	52 930	80 979	193 834	86 290	72 036	100 132	285 880
1982	43 961	63 042	107 567	187 529	94 059	94 343	115 709	319 724
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ......farms, 1987	125	182	208	381	163	234	242	693
1982	197	220	316	397	212	314	305	835
number, 1987	8 524	12 311	15 879	40 305	17 036	16 648	21 328	70 490
1982	10 617	12 394	19 855	35 589	16 372	17 663	21 949	67 440
Dec. 1 of preceding year and May 31 ......farms, 1987	117	163	194	358	154	227	224	645
1982	177	205	300	378	198	288	281	776
number, 1987	4 276	5 560	7 994	20 020	8 552	8 428	11 002	35 552
1982	5 234	6 491	9 836	17 779	8 090	9 015	11 078	33 469
June 1 and Nov. 30 ......farms, 1987	117	162	193	352	146	217	226	648
1982	172	185	295	375	184	281	281	783
number, 1987	4 248	6 751	7 885	20 285	8 484	8 220	10 326	34 938
1982	5 383	5 903	10 019	17 810	8 282	8 648	10 871	33 971
SALES								
Hogs and pigs sold ......farms, 1987	163	250	289	574	271	332	370	897
1982	254	303	421	616	376	436	436	1 093
number, 1987	75 059	99 489	152 451	409 093	178 655	147 801	219 650	626 498
1982	93 014	109 818	185 168	401 409	191 191	172 527	227 269	579 929
$1,000, 1987	6 561	11 511	16 996	44 297	18 340	15 553	23 642	63 878
1982	8 791	12 905	20 657	43 694	19 640	18 639	24 732	60 306
1987 farms by number sold:								
1 to 24 ......farms	20	22	19	12	9	28	25	26
number	228	294	282	168	88	431	302	361
25 to 49 ......farms	12	16	22	13	8	19	11	33
number	(D)	593	831	506	290	635	430	1 236
50 to 99 ......farms	28	30	26	52	21	27	21	67
number	(D)	2 319	1 863	3 859	1 576	1 952	1 400	4 782
100 to 199 ......farms	22	45	43	94	39	67	45	94
number	(D)	6 222	5 870	13 132	5 372	9 217	6 142	13 509
200 to 499 ......farms	47	80	68	153	92	101	122	235
number	13 594	24 405	21 220	49 870	30 327	32 847	40 703	75 643
500 to 999 ......farms	18	30	67	133	53	55	78	213
number	12 181	21 205	46 749	93 176	35 704	37 456	52 100	148 855
1,000 or more ......farms	16	27	44	117	49	35	68	229
number	43 598	44 451	75 616	248 382	105 296	65 261	118 573	382 110
Feeder pigs sold ......farms, 1987	39	40	47	118	64	58	74	226
1982	79	40	74	122	73	83	72	280
number, 1987	27 347	7 629	13 287	64 419	36 417	24 290	29 887	140 748
1982	29 576	6 066	15 640	68 051	36 585	23 942	30 806	119 962
$1,000, 1987	1 174	346	572	3 228	1 690	955	1 340	6 602
1982	1 416	274	733	3 324	1 737	1 099	1 570	5 594
Hogs and pigs other than feeder pigs sold ......farms, 1987	150	241	281	555	255	324	359	838
1982	219	295	402	587	352	422	424	1 023
number, 1987	47 712	91 860	139 164	344 674	142 238	123 511	189 763	485 750
1982	63 438	103 752	169 528	333 358	154 606	148 585	196 463	459 967
$1,000, 1987	5 387	11 165	16 424	41 069	16 650	14 598	22 302	57 276
1982	7 376	12 630	19 924	40 370	17 803	17 539	23 161	54 712

Table 12. **Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
INVENTORY								
Hogs and pigs farms, 1987	303	155	505	373	221	437	338	492
1982	366	225	615	481	276	525	440	585
number, 1987	117 561	40 610	132 246	115 888	54 322	219 218	137 971	174 150
1982	118 645	49 842	158 935	144 566	56 879	211 658	153 269	181 318
Farms by inventory:								
1 to 24 farms, 1987	21	23	56	35	21	19	31	27
1982	18	33	80	45	49	34	51	46
number, 1987	283	285	753	492	249	277	313	311
1982	230	323	1 013	471	573	398	645	581
25 to 49 farms, 1987	21	11	54	18	24	20	18	28
1982	23	35	52	31	21	27	24	34
number, 1987	769	362	1 960	631	825	705	660	1 056
1982	825	1 206	1 889	1 063	711	926	873	1 214
50 to 99 farms, 1987	28	20	65	46	33	44	22	61
1982	50	33	87	49	50	56	40	74
number, 1987	2 024	1 534	4 756	3 341	2 415	3 196	1 590	4 320
1982	3 618	2 253	6 010	3 501	3 558	4 029	2 715	5 118
100 to 199 farms, 1987	55	29	115	85	50	67	60	86
1982	71	45	132	107	49	91	84	135
number, 1987	7 630	4 176	15 845	11 494	6 980	9 619	(D)	12 132
1982	9 730	6 265	19 062	14 886	7 036	12 487	11 632	18 252
200 to 499 farms, 1987	89	54	151	115	66	152	113	180
1982	123	48	187	160	78	176	134	189
number, 1987	26 734	16 452	47 105	36 095	20 084	48 611	(D)	57 556
1982	38 539	14 188	57 210	50 245	22 942	54 055	41 080	57 038
500 to 999 farms, 1987	72	12	30	57	18	80	60	79
1982	66	26	55	70	23	92	75	79
number, 1987	46 888	7 652	26 143	38 179	11 754	(D)	40 177	49 182
1982	42 936	17 682	36 365	46 465	14 524	61 808	50 196	52 279
1,000 or more farms, 1987	17	6	23	17	9	55	34	31
1982	15	5	22	19	6	47	32	28
number, 1987	33 233	10 149	35 684	25 656	12 015	(D)	51 932	49 593
1982	22 767	7 925	37 386	27 935	7 535	77 955	46 128	46 836
Hogs and pigs used or to be used for breeding farms, 1987	196	118	359	283	168	337	258	329
1982	239	165	452	393	214	393	338	388
number, 1987	13 349	5 657	17 014	15 794	6 650	27 252	16 706	20 302
1982	13 543	5 904	20 305	17 068	6 674	25 950	17 365	19 628
1987 farms by inventory:								
1 to 24	61	32	151	86	69	84	62	89
25 to 49	43	43	105	81	61	74	79	98
50 to 99	57	33	71	72	23	95	59	88
100 or more farms	35	10	32	44	15	84	58	54
number	6 970	1 797	6 656	7 239	2 216	(D)	8 961	9 730
Other hogs and pigs farms, 1987	294	150	484	367	214	420	332	482
1982	356	203	584	458	264	501	419	564
number, 1987	104 212	34 953	115 232	100 094	47 672	191 966	121 265	153 848
1982	105 102	43 938	138 630	127 478	50 205	185 708	135 884	161 690
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 farms, 1987	202	123	385	294	175	344	261	344
1982	252	179	469	410	228	401	350	401
number, 1987	19 822	7 908	25 698	24 914	10 340	40 078	25 018	32 433
1982	20 327	8 610	28 643	25 684	9 477	37 977	26 279	30 342
Dec. 1 of preceding year and May 31 farms, 1987	191	115	351	274	166	324	245	320
1982	230	162	424	379	212	374	328	357
number, 1987	10 178	3 938	13 237	12 477	5 203	19 892	12 583	15 974
1982	10 618	4 307	14 731	12 740	4 834	19 040	13 212	15 136
June 1 and Nov. 30 farms, 1987	185	111	344	277	158	328	252	326
1982	229	148	413	375	203	376	326	363
number, 1987	9 644	3 970	12 461	12 437	5 137	20 186	12 435	16 459
1982	10 309	4 303	13 912	12 944	4 643	18 937	13 067	15 206
SALES								
Hogs and pigs sold farms, 1987	323	169	546	385	221	447	353	514
1982	408	242	666	512	295	549	465	629
number, 1987	224 380	73 131	239 278	210 829	89 820	384 947	218 118	300 106
1982	230 934	85 284	258 641	210 659	86 629	349 174	234 250	298 996
$1,000, 1987	24 436	7 991	24 946	23 108	9 831	40 883	25 721	30 518
1982	23 224	9 037	26 843	23 708	9 107	37 182	27 649	31 180
1987 farms by number sold:								
1 to 24 farms	13	15	53	18	14	8	25	14
number	153	188	582	216	230	114	277	166
25 to 49 farms	19	14	35	19	21	14	18	32
number	706	479	1 275	637	709	540	662	1 193
50 to 99 farms	14	13	76	34	17	27	21	39
number	1 082	946	5 744	2 476	(D)	1 904	1 623	2 935
100 to 199 farms	45	24	82	69	31	48	44	77
number	6 408	3 334	11 634	9 590	(D)	6 952	6 227	10 892
200 to 499 farms	84	58	155	94	87	118	96	156
number	27 618	18 479	49 040	29 475	26 877	38 798	31 357	49 580
500 to 999 farms	78	29	100	94	31	111	73	113
number	54 492	19 489	68 078	65 890	21 935	77 447	50 550	77 269
1,000 or more farms	70	16	45	57	20	121	76	83
number	133 921	30 216	102 925	102 545	34 037	259 192	127 422	158 071
Feeder pigs sold farms, 1987	54	42	127	66	45	119	54	119
1982	88	56	142	104	61	126	64	105
number, 1987	35 176	8 918	51 078	36 049	14 711	75 104	12 410	78 597
1982	57 591	16 665	61 243	22 980	14 647	67 302	16 901	59 805
$1,000, 1987	1 699	415	2 238	1 779	777	3 482	583	3 711
1982	2 808	851	3 002	1 088	631	3 240	775	2 716
Hogs and pigs other than feeder pigs sold farms, 1987	314	166	520	375	210	422	344	493
1982	390	227	638	495	276	516	448	607
number, 1987	189 204	64 213	188 200	174 780	75 109	309 843	205 708	221 509
1982	173 343	68 619	197 398	187 679	71 982	281 872	217 349	239 191
$1,000, 1987	22 737	7 576	22 708	21 330	9 054	37 401	25 138	26 808
1982	20 416	8 185	23 841	22 621	8 476	33 942	26 874	28 464

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
INVENTORY								
Hogs and pigs farms, 1987	1 021	288	461	223	186	200	196	300
1982	1 121	361	609	324	267	317	275	379
number, 1987	441 534	110 672	136 669	62 873	44 487	56 843	48 166	91 113
1982	416 014	125 505	162 177	66 253	55 317	72 089	59 680	112 532
Farms by inventory:								
1 to 24 farms, 1987	44	28	47	35	28	39	43	71
1982	45	37	75	48	41	60	66	60
number, 1987	596	260	588	431	266	439	401	842
1982	535	414	884	642	464	616	738	665
25 to 49 farms, 1987	37	14	42	22	22	21	16	31
1982	59	20	49	40	30	38	30	46
number, 1987	1 430	483	1 499	738	742	752	527	1 055
1982	1 997	759	1 742	1 473	1 062	1 393	1 081	1 625
50 to 99 farms, 1987	87	29	49	36	24	26	24	30
1982	114	44	70	54	43	47	45	52
number, 1987	6 424	1 946	3 488	2 511	1 685	1 907	1 600	2 024
1982	8 197	3 186	4 634	3 686	3 118	3 459	3 030	4 497
100 to 199 farms, 1987	187	45	83	51	38	42	38	46
1982	196	64	116	80	64	66	41	66
number, 1987	26 016	6 017	(D)	7 567	5 401	6 012	4 911	6 436
1982	26 526	9 343	16 902	10 913	8 591	9 370	5 692	9 175
200 to 499 farms, 1987	354	80	156	80	45	47	40	72
1982	427	117	199	78	59	63	55	86
number, 1987	115 486	25 056	(D)	19 626	14 278	14 136	12 373	22 795
1982	136 835	36 974	60 007	23 706	18 052	19 186	16 700	27 153
500 to 999 farms, 1987	224	49	59	12	24	16	26	32
1982	214	56	79	18	22	31	26	37
number, 1987	146 715	32 225	37 624	8 253	16 621	10 627	17 148	21 464
1982	139 758	36 009	50 890	11 815	14 443	18 997	16 861	24 464
1,000 or more farms, 1987	88	21	25	7	5	9	9	18
1982	66	23	21	6	8	12	12	22
number, 1987	144 667	44 665	35 367	23 747	5 494	22 970	11 206	36 497
1982	102 166	38 820	27 118	14 018	9 587	19 066	15 578	44 953
Hogs and pigs used or to be used for breeding farms, 1987	604	190	346	176	148	162	154	231
1982	720	272	445	255	212	251	214	307
number, 1987	47 426	14 715	16 646	8 134	5 280	10 593	6 894	14 288
1982	40 319	14 082	17 618	9 628	6 328	10 930	6 947	16 608
1987 farms by inventory:								
1 to 24	131	62	115	78	71	72	70	97
25 to 49	119	33	104	52	43	50	35	60
50 to 99	200	55	91	38	22	20	27	42
100 or more farms	154	40	36	10	12	20	22	32
number	27 521	9 050	5 744	2 864	1 499	6 627	2 939	8 457
Other hogs and pigs farms, 1987	994	256	436	208	176	186	190	281
1982	1 080	342	583	301	245	295	255	356
number, 1987	394 108	95 957	121 823	54 739	39 207	46 250	41 272	76 825
1982	375 695	111 423	144 559	56 625	48 989	61 159	52 733	95 924
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 farms, 1987	627	198	357	189	154	165	158	240
1982	753	281	465	268	217	259	228	321
number, 1987	74 495	23 743	24 633	12 734	8 323	15 732	10 051	20 414
1982	62 301	21 861	26 612	13 551	9 195	16 323	11 792	22 008
Dec. 1 of preceding year and May 31 farms, 1987	606	191	334	172	144	149	141	216
1982	703	257	424	245	199	234	195	286
number, 1987	38 030	12 150	12 458	6 342	4 084	7 436	4 959	10 242
1982	31 557	11 069	13 427	6 699	4 606	8 220	5 883	10 465
June 1 and Nov. 30 farms, 1987	589	181	323	172	137	156	143	218
1982	687	261	412	236	195	229	192	294
number, 1987	36 465	11 593	12 375	6 392	4 239	8 296	5 092	10 172
1982	30 744	10 772	13 185	6 852	4 589	8 103	5 909	11 543
SALES								
Hogs and pigs sold farms, 1987	1 070	290	491	231	186	206	197	310
1982	1 198	392	655	345	281	342	293	405
number, 1987	873 187	221 283	249 542	98 679	74 186	132 496	83 003	163 172
1982	711 065	208 755	270 181	106 484	90 089	134 395	96 970	180 192
$1,000, 1987	90 993	24 026	27 920	10 543	7 430	11 075	8 934	16 511
1982	75 776	22 442	30 156	11 052	9 675	12 674	10 449	18 361
1987 farms by number sold:								
1 to 24 farms	28	20	36	16	18	21	29	41
number	319	220	481	197	251	226	326	478
25 to 49 farms	22	11	22	22	12	16	18	24
number	795	455	742	798	400	632	610	890
50 to 99 farms	59	18	47	22	22	25	18	40
number	4 214	1 345	3 448	1 482	1 517	1 812	1 321	2 768
100 to 199 farms	108	38	82	38	28	27	29	39
number	15 166	5 210	11 766	5 441	4 263	3 966	4 140	5 415
200 to 499 farms	307	80	141	77	52	62	44	78
number	97 782	25 341	46 685	23 023	17 059	18 998	13 711	23 889
500 to 999 farms	280	63	93	42	37	38	33	50
number	184 643	44 095	64 323	27 725	26 244	27 253	22 680	36 292
1,000 or more farms	288	60	70	14	17	17	26	38
number	570 268	144 617	122 097	40 013	24 452	79 611	40 235	93 440
Feeder pigs sold farms, 1987	220	72	104	72	62	67	40	79
1982	256	83	130	92	86	101	58	138
number, 1987	173 790	41 607	33 137	20 418	18 077	69 102	14 773	48 183
1982	121 584	26 348	40 200	20 277	18 993	49 149	18 614	52 402
$1,000, 1987	8 310	2 133	1 606	1 001	824	3 545	707	2 198
1982	5 849	1 475	1 687	973	875	2 438	929	2 791
Hogs and pigs other than feeder pigs sold farms, 1987	1 031	282	468	211	169	168	189	293
1982	1 140	380	635	313	260	322	271	373
number, 1987	699 397	179 676	216 405	78 261	56 109	63 396	68 230	116 969
1982	589 481	180 407	229 961	86 207	71 096	85 246	78 356	127 790
$1,000, 1987	82 682	21 893	26 314	9 543	6 606	7 530	8 227	14 313
1982	69 926	20 966	26 270	10 079	8 600	10 236	9 520	15 570

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY								
Hogs and pigs farms, 1987	592	167	250	236	710	449	229	197
1982	710	231	328	311	805	598	295	303
number, 1987	291 267	38 007	95 799	77 367	183 559	144 487	71 694	73 215
1982	345 065	49 814	112 308	86 401	179 052	162 855	79 814	111 571
Farms by inventory:								
1 to 24 farms, 1987	56	29	24	5	89	54	19	18
1982	46	23	35	31	100	67	36	17
number, 1987	647	355	283	42	1 153	620	245	197
1982	530	390	401	483	1 062	790	422	167
25 to 49 farms, 1987	33	24	17	9	61	27	18	14
1982	42	24	32	26	71	65	30	27
number, 1987	1 190	870	575	326	2 109	955	582	539
1982	1 500	857	1 095	906	2 549	2 309	1 017	966
50 to 99 farms, 1987	48	21	22	34	106	53	31	18
1982	58	47	46	39	130	68	32	34
number 1987	3 369	1 498	1 727	2 439	7 776	3 806	2 173	1 331
1982	4 206	3 287	3 145	2 700	9 339	4 815	2 260	2 292
100 to 199 farms, 1987	74	31	39	52	147	82	35	40
1982	106	55	61	56	182	121	55	64
number, 1987	10 295	4 105	5 406	7 218	21 296	11 293	5 261	5 413
1982	14 799	7 664	8 642	7 798	25 568	16 947	7 578	8 791
200 to 499 farms, 1987	161	46	91	92	206	136	80	61
1982	214	54	86	108	224	177	99	95
number, 1987	51 919	14 115	27 896	29 235	62 895	41 061	25 414	19 494
1982	67 336	14 944	26 521	32 782	64 017	53 508	29 688	29 171
500 to 999 farms, 1987	141	8	42	33	76	73	36	31
1982	155	22	45	35	80	74	26	44
number, 1987	95 835	5 580	28 664	22 127	50 288	46 131	23 623	21 345
1982	105 646	12 700	31 010	22 367	51 297	49 455	15 689	28 790
1,000 or more farms, 1987	79	8	15	11	25	24	10	15
1982	89	6	22	16	18	26	17	22
number, 1987	128 012	11 484	31 246	15 960	38 042	38 601	14 396	24 896
1982	151 046	9 972	41 494	19 365	25 200	35 031	23 100	41 394
Hogs and pigs used or to be used for breeding farms, 1987	488	135	162	171	529	337	151	138
1982	597	174	234	216	641	450	224	217
number, 1987	41 993	5 045	11 163	10 067	23 038	20 318	8 540	9 933
1982	47 440	6 045	12 755	10 038	22 963	23 361	11 264	14 321
1987 farms by inventory:								
1 to 24	108	73	50	44	197	96	41	52
25 to 49	98	31	42	48	178	88	46	20
50 to 99	138	18	38	52	103	98	42	36
100 or more farms	144	13	32	27	51	55	22	30
number	27 511	2 013	6 479	4 251	7 768	9 17[illegible]	3 659	6 176
Other hogs and pigs farms, 1987	560	157	243	232	671	434	222	190
1982	684	220	314	288	754	576	275	282
number, 1987	249 274	32 962	84 536	67 280	160 521	124 169	63 154	63 282
1982	297 625	43 769	99 553	76 363	156 089	139 494	68 550	97 250
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 farms, 1987	499	138	180	181	546	358	160	143
1982	619	181	243	230	665	477	240	235
number, 1987	65 903	7 440	18 815	15 012	33 497	31 955	11 693	14 724
1982	77 265	10 133	20 181	15 470	34 025	31 463	15 355	21 547
Dec. 1 of preceding year and May 31 farms, 1987	462	123	154	170	502	331	150	134
1982	581	170	226	213	597	428	220	223
number, 1987	32 553	3 657	9 206	7 578	17 119	16 378	5 597	7 500
1982	38 306	5 303	10 074	7 602	17 007	16 055	7 502	11 099
June 1 and Nov. 30 farms, 1987	481	130	165	173	491	322	148	135
1982	585	167	216	205	587	412	211	198
number, 1987	33 350	3 783	9 609	7 434	16 378	15 577	6 096	7 224
1982	38 959	4 830	10 107	7 868	17 018	15 408	7 853	10 448
SALES								
Hogs and pigs sold farms, 1987	605	178	270	252	743	470	245	219
1982	738	251	358	331	843	639	332	340
number, 1987	574 390	70 369	178 275	142 260	320 287	251 467	122 653	143 753
1982	633 853	82 202	196 058	147 479	291 478	283 541	133 097	200 582
$1,000, 1987	56 567	7 080	19 605	15 178	34 265	25 691	13 754	15 234
1982	62 568	8 623	20 735	15 781	31 036	29 361	15 059	21 342
1987 farms by number sold:								
1 to 24 farms	24	16	21	3	50	37	12	9
number	290	224	274	22	679	430	126	127
25 to 49 farms	24	22	11	10	42	31	16	14
number	800	752	362	352	1 400	1 137	543	526
50 to 99 farms	38	15	23	19	86	46	21	21
number	2 651	1 020	1 606	1 350	6 422	3 144	1 531	1 510
100 to 199 farms	56	37	27	38	123	53	28	26
number	8 030	5 199	4 024	5 401	16 799	7 594	4 018	3 575
200 to 499 farms	123	55	73	75	230	130	79	59
number	40 631	18 461	22 619	23 328	73 038	41 289	25 734	18 538
500 to 999 farms	153	14	65	67	141	91	60	51
number	106 813	8 745	44 284	48 519	95 603	62 008	42 350	35 457
1,000 or more farms	187	19	50	40	71	82	29	39
number	415 175	35 968	105 106	63 288	126 346	135 865	48 351	84 020
Feeder pigs sold farms, 1987	173	50	54	61	179	129	46	42
1982	220	58	85	74	179	164	55	68
number, 1987	164 806	15 627	23 693	26 943	48 448	60 754	11 967	35 775
1982	181 937	15 700	39 664	27 713	54 102	72 054	16 567	40 386
$1,000, 1987	7 472	759	1 174	1 321	2 327	2 862	580	1 757
1982	9 243	737	1 994	1 342	2 581	3 446	825	1 963
Hogs and pigs other than feeder pigs sold farms, 1987	564	163	265	242	709	442	242	213
1982	683	231	347	318	806	586	322	328
number, 1987	409 584	54 742	154 582	115 317	271 839	190 713	110 686	107 978
1982	451 916	66 502	156 394	119 766	237 376	211 487	116 530	160 196
$1,000, 1987	49 094	6 321	18 431	13 857	31 938	22 829	13 195	13 477
1982	53 326	7 886	18 741	14 439	28 456	25 916	14 234	19 379

Table 13. **Sheep and Horses—Inventory and Sales: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Sheep and lambs inventory	farms, 1987	8 636	94	35	87	86	62	186
	1982	9 966	121	45	78	104	76	187
	number, 1987	451 617	3 539	2 846	2 534	5 027	3 561	9 460
	1982	486 316	5 542	2 981	2 340	6 334	5 932	6 252
1987 farms by inventory:								
1 to 24		4 149	51	17	52	24	24	109
25 to 99		3 628	33	12	31	48	27	56
100 to 299		719	9	4	4	14	10	15
300 to 999		117	1	2	-	-	1	6
1,000 or more		23	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1987	8 089	91	33	84	84	57	175
	1982	9 256	117	36	72	96	72	170
	number, 1987	280 591	2 761	1 384	1 913	3 240	2 676	5 907
	1982	297 326	3 172	2 052	1 513	4 230	2 628	4 173
Sheep and lambs shorn	farms, 1987	8 052	92	33	83	86	59	168
	1982	9 380	113	34	67	101	78	164
	number, 1987	542 200	3 235	2 423	2 003	4 967	3 347	10 079
	1982	493 205	6 774	2 523	1 624	6 205	5 452	5 213
	pounds of wool, 1987	2 901 639	23 158	14 330	15 322	36 059	23 687	66 021
	1982	3 379 775	47 279	18 937	11 977	48 576	36 131	36 256
Sheep and lambs sold	farms, 1987	8 806	97	39	84	92	68	178
	1982	10 327	123	46	74	107	83	182
	number, 1987	607 492	3 194	2 995	1 777	4 032	3 592	11 400
	1982	496 676	6 834	2 226	1 662	5 250	6 501	4 463
Sheep, lambs, and wool sold	farms, 1987	8 922	98	40	87	92	68	181
	1982	10 484	125	47	76	107	84	184
	$1,000, 1987	46 157	257	239	130	312	284	925
	1982	26 703	370	103	78	257	330	233
Horses and ponies inventory	farms, 1987	11 647	96	83	117	131	90	109
	1982	14 106	154	104	107	146	105	148
	number, 1987	59 338	586	326	560	476	406	479
	1982	68 368	767	401	485	528	459	669
Horses and ponies sold	farms, 1987	2 453	16	13	22	15	22	22
	1982	2 917	32	20	25	17	17	30
	number, 1987	9 909	226	32	87	42	66	114
	1982	10 809	75	64	64	223	73	132
	$1,000, 1987	7 487	82	17	31	13	39	38
	1982	10 709	41	26	36	123	74	51

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Sheep and lambs inventory	farms, 1987	90	97	94	114	84	133	85
	1982	115	111	114	107	70	166	109
	number, 1987	3 686	4 203	2 833	2 461	6 247	5 219	5 201
	1982	4 554	3 073	2 919	2 732	7 966	5 630	6 975
1987 farms by inventory:								
1 to 24		47	51	61	86	29	72	36
25 to 99		37	39	26	24	41	48	40
100 to 299		5	6	6	4	9	12	6
300 to 999		1	1	1	-	5	1	3
1,000 or more		-	-	-	-	-	-	-
Ewes 1 year old or older	farms, 1987	84	90	85	104	76	127	79
	1982	111	98	108	95	69	149	96
	number, 1987	2 338	2 177	2 032	1 581	4 072	3 630	2 892
	1982	2 825	2 028	1 927	1 815	3 569	4 003	4 539
Sheep and lambs shorn	farms, 1987	85	90	82	97	76	125	83
	1982	113	101	109	93	71	150	94
	number, 1987	4 279	3 419	2 797	2 268	5 308	4 776	5 683
	1982	4 455	2 981	2 670	2 061	7 584	6 303	7 323
	pounds of wool, 1987	25 724	24 469	16 919	14 626	35 143	35 103	35 927
	1982	27 070	20 000	19 604	16 407	51 662	45 276	44 003
Sheep and lambs sold	farms, 1987	101	95	90	106	82	141	92
	1982	116	113	114	102	76	163	118
	number, 1987	5 228	3 665	2 913	2 029	5 389	5 429	5 201
	1982	4 580	3 147	2 486	2 144	7 938	5 828	7 566
Sheep, lambs, and wool sold	farms, 1987	102	95	91	114	86	144	93
	1982	122	116	117	102	76	168	118
	$1,000, 1987	401	214	227	147	406	401	373
	1982	216	150	131	92	439	333	382
Horses and ponies inventory	farms, 1987	146	142	106	215	83	142	94
	1982	156	160	128	215	86	161	122
	number, 1987	733	610	620	1 569	488	742	397
	1982	666	731	667	1 554	514	914	622
Horses and ponies sold	farms, 1987	30	26	27	69	19	33	19
	1982	36	41	35	71	20	49	23
	number, 1987	78	73	87	289	76	119	135
	1982	95	121	122	227	120	176	99
	$1,000, 1987	160	46	42	197	58	101	(D)
	1982	130	57	84	149	73	144	67

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Sheep and lambs inventory farms, 1987	68	92	193	66	84	63	72
1982	78	112	197	97	106	56	60
number, 1987	5 205	3 851	7 615	2 106	4 430	1 497	2 438
1982	2 839	4 908	7 380	2 947	5 345	1 694	2 395
1987 farms by inventory:							
1 to 24	33	46	81	34	42	41	33
25 to 99	26	39	100	29	33	21	35
100 to 299	8	6	11	3	7	1	4
300 to 999	-	1	1	-	1	-	-
1,000 or more	1	-	-	-	1	-	-
Ewes 1 year old or older farms, 1987	62	89	183	61	78	60	71
1982	74	109	181	90	100	55	75
number, 1987	3 278	2 725	5 759	1 515	2 655	1 170	1 720
1982	2 208	2 648	4 868	2 002	3 196	1 299	1 585
Sheep and lambs shorn farms, 1987	71	83	188	61	73	52	69
1982	79	104	183	91	100	55	78
number, 1987	5 282	3 778	8 968	1 943	5 625	1 210	2 315
1982	3 055	4 840	6 288	2 820	7 738	1 549	1 889
pounds of wool, 1987	35 160	25 537	56 371	14 659	70 847	8 884	15 013
1982	25 477	33 187	47 509	21 228	55 922	10 882	13 072
Sheep and lambs sold farms, 1987	73	89	192	70	85	58	72
1982	93	111	197	101	114	56	81
number, 1987	5 133	3 042	7 906	1 609	7 215	1 149	1 808
1982	3 461	4 301	6 367	2 668	7 720	1 369	1 853
Sheep, lambs, and wool sold farms, 1987	74	90	196	70	85	58	72
1982	94	111	199	102	114	57	81
$1,000, 1987	(D)	227	544	120	614	(D)	157
1982	184	215	331	130	435	65	92
Horses and ponies inventory farms, 1987	83	95	91	126	110	96	120
1982	94	143	125	109	142	129	160
number, 1987	317	375	395	389	881	549	645
1982	508	602	517	590	575	595	643
Horses and ponies sold farms, 1987	11	15	16	26	24	19	28
1982	16	35	17	40	16	27	20
number, 1987	27	57	55	97	134	51	145
1982	77	141	74	132	58	79	100
$1,000, 1987	16	17	34	146	53	18	53
1982	(D)	132	57	92	32	90	90

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Sheep and lambs inventory farms, 1987	82	84	118	89	68	173	46
1982	100	75	132	108	107	226	42
number, 1987	9 000	1 897	4 491	7 374	2 229	11 116	2 289
1982	10 517	2 034	3 755	7 834	3 373	18 157	1 825
1987 farms by inventory:							
1 to 24	27	54	65	35	38	51	22
25 to 99	33	29	41	46	25	93	20
100 to 299	17	1	12	4	5	26	3
300 to 999	2	-	-	3	-	3	1
1,000 or more	3	-	-	1	-	-	-
Ewes 1 year old or older farms, 1987	78	80	115	82	65	164	40
1982	94	71	125	91	100	216	40
number, 1987	5 127	1 380	3 196	2 893	1 590	7 290	1 638
1982	5 806	1 528	2 493	2 545	2 350	11 019	1 384
Sheep and lambs shorn farms, 1987	81	80	114	81	60	165	39
1982	94	73	124	107	106	216	42
number, 1987	9 228	1 626	4 569	11 108	2 561	10 752	1 781
1982	10 426	1 761	3 510	6 447	3 118	19 447	1 654
pounds of wool, 1987	62 159	14 026	31 666	74 757	14 733	77 288	13 157
1982	59 557	15 569	24 248	49 655	21 520	141 192	12 573
Sheep and lambs sold farms, 1987	86	81	118	91	70	176	44
1982	101	76	129	134	122	232	47
number, 1987	10 906	1 444	3 677	14 035	2 843	7 976	1 937
1982	8 748	1 537	2 641	10 169	2 981	14 252	1 348
Sheep, lambs, and wool sold farms, 1987	87	83	121	93	72	179	44
1982	101	78	131	136	127	232	47
$1,000, 1987	1 063	108	294	1 121	(D)	597	124
1982	478	68	137	531	142	743	67
Horses and ponies inventory farms, 1987	80	183	169	112	167	202	170
1982	128	192	203	126	187	219	193
number, 1987	422	857	887	564	910	1 229	799
1982	815	1 226	987	446	946	1 378	977
Horses and ponies sold farms, 1987	23	43	29	16	31	57	19
1982	44	55	49	22	45	52	30
number, 1987	77	292	109	31	131	187	85
1982	167	246	136	78	160	187	83
$1,000, 1987	73	106	126	12	357	79	24
1982	164	127	137	37	426	115	68

Table 13. **Sheep and Horses—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Sheep and lambs inventory, farms, 1987	79	62	63	65	34	106	57	81
1982	80	68	73	74	38	100	115	114
number, 1987	3 101	2 581	4 293	2 138	2 032	4 784	1 560	3 290
1982	2 277	2 443	4 521	2 054	1 520	3 224	3 829	6 740
1987 farms by inventory:								
1 to 24	45	28	26	34	15	68	32	41
25 to 99	25	28	29	27	14	26	24	33
100 to 299	8	6	6	4	4	9	1	6
300 to 999	1	-	1	-	1	3	-	1
1,000 or more	-	-	1	-	-	-	-	-
Ewes 1 year old or older, farms, 1987	75	58	60	56	31	99	55	71
1982	76	65	69	65	34	88	112	92
number, 1987	1 892	1 690	2 442	1 548	1 559	3 560	1 078	2 111
1982	1 578	1 936	3 561	1 400	994	1 948	2 852	2 352
Sheep and lambs shorn, farms, 1987	73	55	59	54	29	92	56	71
1982	74	65	67	68	35	89	110	95
number, 1987	2 281	2 230	5 176	1 696	1 741	5 558	1 335	3 352
1982	2 395	2 710	4 731	1 764	1 793	3 225	3 904	4 830
pounds of wool, 1987	14 895	16 916	29 038	13 290	12 374	32 181	9 554	19 217
1982	15 368	17 133	31 730	13 679	12 501	21 734	28 566	28 106
Sheep and lambs sold, farms, 1987	78	63	62	60	38	103	63	80
1982	77	70	72	77	43	102	106	111
number, 1987	2 206	1 963	3 897	1 819	2 015	5 220	2 104	2 613
1982	2 500	2 020	5 194	1 573	1 401	3 445	3 124	7 760
Sheep, lambs, and wool sold, farms, 1987	78	63	63	63	39	105	65	82
1982	78	74	74	79	43	104	113	112
$1,000, 1987	171	160	279	(D)	158	455	124	203
1982	131	113	296	72	71	152	157	473
Horses and ponies inventory, farms, 1987	132	74	61	131	69	146	115	79
1982	152	99	63	167	89	178	125	104
number, 1987	679	435	265	670	298	635	589	470
1982	829	442	319	732	422	783	640	521
Horses and ponies sold, farms, 1987	18	23	12	34	19	33	33	24
1982	30	18	8	35	18	35	34	27
number, 1987	52	70	49	294	36	111	125	134
1982	99	60	19	193	41	120	137	140
$1,000, 1987	22	40	45	154	12	67	58	(D)
1982	88	27	13	94	34	109	261	171

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Sheep and lambs inventory, farms, 1987	22	97	104	78	73	56	81	33
1982	27	131	106	94	98	84	94	59
number, 1987	(D)	5 127	4 262	2 431	3 069	2 714	2 265	1 713
1982	1 641	6 735	6 858	3 755	3 675	5 280	2 861	2 501
1987 farms by inventory:								
1 to 24	8	41	54	47	34	31	53	16
25 to 99	12	45	41	28	35	19	24	13
100 to 299	1	9	8	2	3	5	4	4
300 to 999	1	2	1	1	1	1	-	-
1,000 or more	-	-	-	-	-	-	-	-
Ewes 1 year old or older, farms, 1987	21	91	101	72	69	51	76	33
1982	26	123	102	84	93	82	87	49
number, 1987	755	3 537	3 191	1 505	2 302	1 506	1 552	1 277
1982	664	4 594	2 886	2 605	2 420	3 296	2 254	1 629
Sheep and lambs shorn, farms, 1987	21	88	99	72	68	53	72	32
1982	25	124	104	65	94	67	90	52
number, 1987	(D)	5 346	5 090	1 975	2 751	2 755	1 802	1 573
1982	1 799	8 282	9 910	3 218	2 965	4 699	3 056	2 812
pounds of wool, 1987	7 021	32 547	31 656	14 691	19 152	20 997	13 072	11 481
1982	9 935	50 572	66 160	25 414	21 264	31 781	21 530	25 642
Sheep and lambs sold, farms, 1987	23	103	106	90	76	58	77	35
1982	31	135	111	96	100	91	102	61
number, 1987	(D)	5 920	5 177	2 799	2 835	2 588	1 853	1 367
1982	1 616	9 104	9 669	3 064	3 164	5 467	2 625	2 388
Sheep, lambs, and wool sold, farms, 1987	23	103	107	81	76	60	80	35
1982	31	135	114	97	103	91	102	62
$1,000, 1987	65	458	402	176	212	207	137	96
1982	95	442	577	141	176	268	186	122
Horses and ponies inventory, farms, 1987	84	90	90	127	97	66	111	112
1982	94	119	109	148	132	98	132	135
number, 1987	364	447	444	500	530	360	713	422
1982	300	522	621	756	549	394	771	457
Horses and ponies sold, farms, 1987	12	16	26	26	28	15	33	16
1982	14	22	26	27	22	15	31	16
number, 1987	27	146	98	48	128	42	160	31
1982	24	297	93	83	120	54	142	29
$1,000, 1987	12	65	51	16	128	21	106	26
1982	21	157	59	30	162	191	175	21

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Sheep and lambs inventory farms, 1987	109	47	66	56	110	92	144	92
1982	123	56	82	89	111	102	175	104
number, 1987	4 835	3 857	2 297	3 058	4 579	3 467	5 877	5 202
1982	6 744	2 701	3 761	2 978	4 953	4 042	5 426	4 193
1987 farms by inventory:								
1 to 24	49	18	39	25	56	52	64	47
25 to 99	40	21	21	20	46	32	70	36
100 to 299	9	6	6	13	7	8	10	7
300 to 999	2	2	-	-	1	-	-	1
1,000 or more	-	-	-	-	-	-	-	1
Ewes 1 year old or older farms, 1987	104	46	64	58	102	85	136	75
1982	110	52	76	59	104	96	154	90
number, 1987	3 224	2 156	1 593	2 319	2 847	2 167	4 102	2 469
1982	4 051	1 869	2 542	2 026	3 379	2 879	4 054	2 642
Sheep and lambs shorn farms, 1987	107	46	68	60	100	83	133	73
1982	110	50	79	62	104	100	154	94
number, 1987	5 338	4 456	2 691	3 476	4 451	3 027	4 968	4 812
1982	6 103	1 990	3 241	2 506	4 426	3 298	5 116	3 705
pounds of wool, 1987	33 700	27 726	20 254	21 967	26 529	17 735	32 806	36 014
1982	42 763	16 977	25 899	17 316	29 978	23 440	35 658	25 720
Sheep and lambs sold farms, 1987	115	49	74	64	118	89	149	84
1982	121	54	93	73	115	109	186	107
number, 1987	4 572	4 010	2 607	3 354	4 174	2 544	4 467	4 900
1982	5 700	1 924	3 210	2 826	3 702	2 630	5 356	4 701
Sheep, lambs, and wool sold farms, 1987	115	49	75	64	120	91	149	87
1982	121	54	93	74	115	109	190	108
$1,000, 1987	376	334	205	(D)	350	164	369	371
1982	276	95	173	164	210	125	271	232
Horses and ponies inventory farms, 1987	112	83	47	70	100	178	176	87
1982	110	90	101	84	153	214	193	141
number, 1987	757	385	268	317	556	584	878	573
1982	713	384	383	330	667	1 216	918	868
Horses and ponies sold farms, 1987	34	13	10	15	25	37	40	23
1982	29	21	23	12	32	42	36	32
number, 1987	140	49	90	156	139	166	153	126
1982	119	55	54	33	103	177	197	160
$1,000, 1987	161	12	29	132	129	62	83	137
1982	83	27	43	26	90	168	137	302

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Sheep and lambs inventory farms, 1987	199	96	122	131	86	172	54	80
1982	242	110	144	168	102	184	65	77
number, 1987	12 079	2 874	12 007	6 624	4 691	7 003	2 027	3 819
1982	11 766	3 871	11 436	7 660	7 922	5 899	2 100	6 437
1987 farms by inventory:								
1 to 24	89	52	48	51	36	88	30	33
25 to 99	88	43	51	63	41	70	23	42
100 to 299	19	1	13	16	10	11	1	4
300 to 999	2	-	7	1	1	3	-	1
1,000 or more	1	-	3	-	-	-	-	-
Ewes 1 year old or older farms, 1987	187	90	112	123	82	163	54	76
1982	223	104	138	157	96	172	53	75
number, 1987	6 340	1 948	6 573	4 422	3 353	5 363	1 496	2 566
1982	6 543	2 783	5 437	5 523	4 713	3 626	1 481	4 459
Sheep and lambs shorn farms, 1987	182	86	113	122	82	164	57	73
1982	223	98	139	161	97	188	59	79
number, 1987	9 555	2 369	12 046	7 113	4 701	7 567	1 823	3 676
1982	14 057	3 474	16 801	7 584	8 465	6 483	1 862	7 486
pounds of wool, 1987	62 097	17 016	66 283	44 500	28 269	49 985	12 134	24 032
1982	89 315	24 978	90 851	51 605	56 713	43 842	13 091	48 626
Sheep and lambs sold farms, 1987	196	95	126	137	90	175	60	81
1982	247	105	150	172	103	195	66	80
number, 1987	10 987	2 340	12 674	6 642	3 832	6 104	1 801	4 595
1982	13 440	3 184	15 885	6 414	5 803	6 496	1 435	7 667
Sheep, lambs, and wool sold farms, 1987	197	97	126	138	91	178	60	82
1982	252	109	151	173	105	201	68	83
$1,000, 1987	921	164	1 062	489	277	445	125	367
1982	713	151	968	312	320	367	80	432
Horses and ponies inventory farms, 1987	229	139	96	123	139	223	58	138
1982	272	161	127	173	164	267	83	153
number, 1987	1 307	618	559	499	780	1 608	266	550
1982	1 627	787	763	727	728	1 542	366	686
Horses and ponies sold farms, 1987	48	25	37	19	32	42	14	30
1982	70	33	35	31	40	46	18	25
number, 1987	275	75	104	51	115	146	41	126
1982	336	164	114	70	124	107	27	81
$1,000, 1987	127	39	48	21	80	253	44	51
1982	222	120	68	57	66	99	26	75

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Sheep and lambs inventory ..... farms, 1987	102	103	105	87	106	34	71	41
1982	100	123	105	83	126	32	84	57
number, 1987	7 539	5 678	4 963	4 065	4 666	1 248	1 964	1 838
1982	7 507	6 346	6 819	6 696	4 620	1 332	3 705	4 095
1987 farms by inventory:								
1 to 24	35	53	44	42	46	16	46	19
25 to 99	49	39	46	37	53	13	23	17
100 to 299	13	10	15	6	8	3	2	5
300 to 999	5	-	-	2	1	-	-	-
1,000 or more	-	1	-	-	-	-	-	-
Ewes 1 year old or older ..... farms, 1987	92	96	102	84	101	31	64	40
1982	83	110	103	77	119	29	80	63
number, 1987	4 634	4 011	3 713	3 133	3 378	812	1 427	1 259
1982	4 004	4 666	3 610	3 192	3 237	697	2 491	2 411
Sheep and lambs shorn ..... farms, 1987	93	94	98	84	95	33	65	42
1982	92	113	104	83	115	31	81	51
number, 1987	7 485	5 983	4 518	3 867	4 695	1 448	2 023	1 946
1982	6 527	6 465	6 253	6 030	4 367	1 365	2 993	2 468
pounds of wool, 1987	46 687	30 794	33 547	25 705	31 028	9 996	13 422	13 178
1982	43 679	40 812	41 337	42 425	32 420	10 020	23 868	18 692
Sheep and lambs sold ..... farms, 1987	104	100	105	93	106	36	71	45
1982	117	122	105	83	129	36	88	57
number, 1987	7 258	5 916	4 619	3 390	5 227	1 206	2 454	2 148
1982	7 967	6 137	5 361	6 371	4 173	1 479	3 733	3 197
Sheep, lambs, and wool sold ..... farms, 1987	105	104	106	95	108	36	72	46
1982	117	125	108	85	131	36	90	58
$1,000, 1987	589	402	399	260	419	104	174	179
1982	443	290	287	270	221	79	209	154
Horses and ponies inventory ..... farms, 1987	98	195	119	150	102	69	84	56
1982	123	223	139	164	154	77	92	103
number, 1987	442	620	545	756	537	266	476	216
1982	503	963	723	748	599	304	506	520
Horses and ponies sold ..... farms, 1987	23	31	19	35	22	11	17	12
1982	27	52	24	24	33	7	26	16
number, 1987	60	127	67	123	91	22	104	46
1982	59	157	112	92	91	26	54	106
$1,000, 1987	33	66	35	61	106	12	38	19
1982	27	149	59	48	136	33	60	34

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Sheep and lambs inventory ..... farms, 1987	80	44	105	91	56	50	55	124
1982	78	52	95	114	69	51	70	134
number, 1987	2 901	2 329	3 774	4 158	3 961	2 078	4 277	7 421
1982	4 790	2 645	3 042	4 958	14 300	4 144	4 511	5 847
1987 farms by inventory:								
1 to 24	42	18	62	38	19	22	31	58
25 to 99	33	21	37	43	22	22	21	50
100 to 299	5	4	4	10	13	6	1	9
300 to 999	-	1	2	-	2	-	-	7
1,000 or more	-	-	-	-	-	-	2	-
Ewes 1 year old or older ..... farms, 1987	73	40	102	86	49	47	50	111
1982	76	49	88	103	62	50	66	124
number, 1987	2 190	1 727	2 603	2 906	2 784	1 549	2 833	5 239
1982	2 447	1 943	2 192	3 537	3 509	1 921	2 118	3 635
Sheep and lambs shorn ..... farms, 1987	70	41	99	92	54	48	50	111
1982	77	52	87	106	67	50	66	122
number, 1987	3 027	1 697	3 647	4 994	3 908	2 555	3 515	8 187
1982	5 542	2 340	2 568	5 778	15 752	4 198	14 724	6 127
pounds of wool, 1987	21 654	11 666	23 072	32 346	26 284	15 737	18 991	65 923
1982	41 111	17 447	18 045	41 109	102 346	24 334	90 416	43 325
Sheep and lambs sold ..... farms, 1987	75	44	105	99	59	57	59	121
1982	76	53	100	117	76	56	76	139
number, 1987	2 763	1 236	3 138	4 484	3 632	2 012	5 065	8 240
1982	4 659	3 385	2 616	5 310	31 649	3 146	13 363	6 092
Sheep, lambs, and wool sold ..... farms, 1987	75	44	106	100	60	57	59	124
1982	79	54	102	118	76	56	77	139
$1,000, 1987	209	90	251	387	303	151	311	(D)
1982	318	174	150	319	1 699	179	858	336
Horses and ponies inventory ..... farms, 1987	143	82	107	89	43	128	62	183
1982	162	122	123	94	50	151	79	205
number, 1987	620	256	570	573	145	530	274	865
1982	742	462	557	405	195	555	441	896
Horses and ponies sold ..... farms, 1987	25	10	24	16	5	24	11	23
1982	25	17	23	21	12	27	15	33
number, 1987	90	21	64	130	16	84	30	56
1982	66	51	59	77	32	95	60	82
$1,000, 1987	59	11	29	95	5	42	48	26
1982	38	27	56	73	18	74	62	60

Table 13. Sheep and Horses—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Sheep and lambs inventory farms, 1987	47	66	96	104	43	100	109	65
1982	56	79	125	122	45	124	109	84
number, 1987	2 716	2 819	3 815	5 999	2 190	6 951	3 251	2 270
1982	2 700	3 661	5 655	4 829	1 998	7 011	3 303	3 103
1987 farms by inventory:								
1 to 24	15	38	49	38	18	37	56	31
25 to 99	21	21	38	48	20	49	52	31
100 to 299	11	9	11	16	4	8	1	3
300 to 999	-	-	-	2	1	5	-	-
1,000 or more	-	-	-	-	-	1	-	-
Ewes 1 year old or older farms, 1987	44	60	92	98	39	97	100	62
1982	53	76	119	116	42	121	101	79
number, 1987	2 098	1 909	2 433	3 647	1 491	5 107	2 179	1 869
1982	1 774	2 504	3 422	3 459	1 355	4 896	2 104	1 966
Sheep and lambs shorn farms, 1987	47	59	88	103	43	95	101	59
1982	57	71	116	109	41	123	105	81
number, 1987	3 057	2 592	3 232	6 551	1 969	7 913	2 713	2 298
1982	3 144	3 238	4 682	4 605	1 919	6 848	3 246	3 078
pounds of wool, 1987	21 180	14 291	22 513	38 242	14 848	51 983	18 682	15 263
1982	19 899	22 892	34 900	33 426	13 999	42 982	21 524	23 047
Sheep and lambs sold farms, 1987	50	72	96	117	44	102	105	63
1982	64	86	121	126	44	128	112	88
number, 1987	3 271	2 860	2 635	7 806	1 637	6 713	2 518	2 172
1982	3 816	3 997	4 363	4 393	1 620	5 660	2 401	2 679
Sheep, lambs, and wool sold farms, 1987	50	72	100	117	44	103	108	64
1982	64	86	129	127	44	128	112	90
$1,000, 1987	261	211	250	528	145	567	[illegible]	(D)
1982	212	220	225	266	92	313	120	154
Horses and ponies inventory farms, 1987	52	135	233	102	96	73	128	95
1982	87	156	313	115	118	104	125	130
number, 1987	297	824	1 407	476	311	305	945	527
1982	477	761	1 536	496	616	487	906	605
Horses and ponies sold farms, 1987	13	40	45	23	20	11	25	17
1982	17	45	56	19	21	20	27	26
number, 1987	107	165	204	40	105	35	104	52
1982	43	119	362	62	76	98	107	113
$1,000, 1987	(D)	214	290	20	27	(D)	126	64
1982	29	281	711	49	69	149	159	152

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Sheep and lambs inventory farms, 1987	152	102	139	40	65	128	74	88
1982	125	106	150	77	72	144	115	80
number, 1987	28 852	4 032	4 969	1 523	(D)	7 285	3 042	2 216
1982	5 167	4 226	6 606	5 906	3 441	7 438	4 340	2 603
1987 farms by inventory:								
1 to 24	55	50	69	21	37	46	43	53
25 to 99	67	42	62	15	24	70	26	35
100 to 299	14	10	8	4	3	11	3	-
300 to 999	13	-	-	-	-	-	2	-
1,000 or more	3	-	-	-	1	1	-	-
Ewes 1 year old or older farms, 1987	139	98	129	38	60	120	70	78
1982	116	97	139	66	70	138	108	72
number, 1987	15 768	2 703	3 621	1 178	1 160	4 582	1 901	1 514
1982	3 408	2 645	4 275	4 386	1 923	5 113	2 735	1 726
Sheep and lambs shorn farms, 1987	148	95	130	40	66	125	65	72
1982	104	98	139	75	71	142	108	75
number, 1987	37 584	3 420	5 142	2 669	(D)	6 410	2 829	1 922
1982	6 204	4 275	6 654	5 894	2 679	7 427	3 456	1 939
pounds of wool, 1987	167 124	23 000	36 653	13 942	57 973	49 990	21 011	12 964
1982	44 453	32 035	46 015	36 857	18 216	54 621	26 478	13 313
Sheep and lambs sold farms, 1987	176	104	149	44	75	125	69	86
1982	129	109	164	65	78	151	111	82
number, 1987	106 081	3 371	5 036	3 350	(D)	4 939	1 888	1 796
1982	6 944	4 580	6 297	4 661	2 432	5 663	3 120	1 884
Sheep, lambs, and wool sold farms, 1987	176	104	151	45	75	127	70	88
1982	129	111	167	69	78	151	113	85
$1,000, 1987	7 980	277	436	275	(D)	352	158	(D)
1982	380	249	358	239	131	279	148	89
Horses and ponies inventory farms, 1987	143	140	106	99	146	159	139	249
1982	171	170	161	129	177	190	187	221
number, 1987	672	800	427	398	652	954	594	1 384
1982	694	935	604	521	715	1 048	739	1 267
Horses and ponies sold farms, 1987	22	42	23	11	24	37	36	49
1982	32	57	30	13	32	34	37	52
number, 1987	68	143	54	83	56	127	93	282
1982	132	192	73	73	100	128	99	206
$1,000, 1987	96	170	31	56	37	122	49	610
1982	78	220	193	49	60	93	79	357

Table 13. **Sheep and Horses—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Sheep and lambs inventory .... farms, 1987..	142	53	62	57	106	105	67	70
1982..	147	63	71	77	136	149	65	104
number, 1987..	8 542	2 606	2 887	2 071	6 023	4 863	2 234	2 393
1982..	8 266	5 186	2 964	3 735	5 121	7 628	2 531	3 103
1987 farms by inventory:								
1 to 24	54	16	31	31	44	40	38	37
25 to 99	76	31	21	22	52	53	28	29
100 to 299	10	5	10	4	7	11	5	4
300 to 999	1	1	-	-	2	1	-	-
1,000 or more	1	-	-	-	1	-	-	-
Ewes 1 year old or older .... farms, 1987..	135	48	58	53	106	99	62	65
1982..	138	57	61	75	125	138	65	96
number, 1987..	4 287	2 133	2 062	1 618	3 841	3 186	1 564	1 662
1982..	4 360	2 302	2 224	2 875	3 745	5 167	1 638	2 327
Sheep and lambs shorn .... farms, 1987..	133	52	56	55	100	96	67	65
1982..	142	57	59	75	125	141	66	104
number, 1987..	9 008	2 788	2 399	2 237	6 117	5 091	1 946	2 288
1982..	6 039	4 702	2 196	3 541	4 341	9 937	2 595	2 871
pounds of wool, 1987..	51 907	20 025	17 728	17 950	34 415	27 790	14 665	18 194
1982..	42 759	30 820	18 696	28 077	32 361	57 280	17 534	23 127
Sheep and lambs sold .... farms, 1987..	145	57	63	61	103	106	67	67
1982..	154	64	75	61	135	158	69	109
number, 1987..	9 241	2 206	2 263	2 090	5 751	4 768	1 661	2 132
1982..	7 361	4 142	2 971	2 601	4 172	10 533	2 559	3 132
Sheep, lambs, and wool sold .... farms, 1987..	145	57	64	61	104	107	68	69
1982..	157	64	76	81	138	161	69	113
$1,000, 1987..	767	181	191	153	449	346	143	162
1982..	380	233	144	180	221	513	134	141
Horses and ponies inventory .... farms, 1987..	139	112	114	57	179	186	46	75
1982..	168	133	182	75	194	224	63	98
number, 1987..	791	622	482	359	807	836	169	279
1982..	857	638	342	348	922	938	341	401
Horses and ponies sold .... farms, 1987..	46	26	24	12	40	33	7	17
1982..	48	23	41	13	32	37	14	20
number, 1987..	160	66	60	51	133	114	20	46
1982..	123	79	161	(D)	89	102	46	54
$1,000, 1987..	96	36	45	26	67	97	18	26
1982..	69	42	69	(D)	85	84	72	41

Table 14. Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
INVENTORY							
Any poultry farms, 1987	6 472	77	42	56	63	50	79
1982	9 281	114	77	66	84	75	133
Chickens 3 months old or older farms, 1987	4 897	63	34	48	53	32	56
1982	7 637	105	66	66	77	57	112
number, 1987	9 560 666	3 695	2 697	14 860	1 860	(D)	278 755
1982	9 584 663	6 364	5 834	17 908	3 114	72 805	(D)
Hens and pullets of laying age farms, 1987	4 834	62	34	46	53	32	55
1982	7 543	105	65	66	76	57	112
number, 1987	8 212 576	(D)	(D)	14 506	1 747	(D)	278 373
1982	8 234 227	7 661	5 710	17 424	2 834	71 282	(D)
1987 farms by inventory:							
1 to 99	3 623	51	25	39	49	18	43
100 to 399	816	10	8	3	4	11	9
400 to 3,199	151	1	1	3	-	1	-
3,200 to 9,999	90	-	-	-	-	1	-
10,000 to 19,999	79	-	-	1	-	-	-
20,000 to 49,999	39	-	-	-	-	1	2
50,000 to 99,999	22	-	-	-	-	-	-
100,000 or more farms	14	-	-	-	-	-	1
number	3 580 004						(D)
Pullets 3 months old or older not of laying age farms, 1987	487	2	2	8	5	4	5
1982	702	14	11	8	5	8	8
number, 1987	1 368 090	(D)	(D)	354	103	1 205	382
1982	1 350 436	703	124	484	280	1 523	112
Pullet chicks and pullets under 3 months old farms, 1987	117	-	2	5	1	-	-
1982	155	1	3	2	-	1	2
number, 1987	1 381 043	-	(D)	27	(D)	-	-
1982	1 574 221	(D)	(D)	(D)	-	(D)	(D)
Broilers and other meat-type chickens farms, 1987	1 541	21	13	18	3	21	25
1982	1 991	25	18	21	9	18	25
number, 1987	255 584	2 836	776	885	(D)	3 692	(D)
1982	215 257	2 557	1 024	1 312	282	2 007	3 285
Turkeys farms, 1987	695	10	3	6	4	6	13
1982	641	7	2	5	6	5	14
number, 1987	2 437 135	135	16	35	43	126	140
1982	1 493 036	37	(D)	21	30	40	91
Turkey hens kept for breeding farms, 1987	345	5	1	-	3	2	5
1982	355	3	-	2	8	1	8
number, 1987	71 889	22	(D)	-	15	(D)	28
1982	100 478	(D)	-	(D)	18	(D)	41
Ducks, geese, and other poultry farms, 1987	1 509	14	6	15	15	5	22
1982	1 877	18	9	18	15	9	35
SALES							
Any poultry sold farms, 1987	3 843	36	17	19	18	45	42
1982	5 206	54	29	49	26	50	85
$1,000, 1987	192 229	25	22	(D)	5	(D)	2 458
1982	164 052	41	39	165	10	653	1 497
Hens and pullets sold farms, 1987	908	3	5	2	4	9	9
1982	2 156	19	18	15	5	32	23
number, 1987	9 873 596	(D)	782	(D)	304	(D)	164 025
1982	10 248 391	2 428	3 646	11 936	780	61 105	(D)
Hens and pullets of laying age sold farms, 1987	847	3	5	2	4	8	9
1982	2 095	19	18	15	5	32	23
number, 1987	5 606 848	(D)	782	(D)	(D)	(D)	164 025
1982	5 274 345	2 428	3 646	11 936	780	61 105	(D)
Pullets not of laying age sold farms, 1987	86	-	-	-	1	2	-
1982	86	-	-	-	-	-	-
number, 1987	4 266 748	-	-	-	(D)	(D)	-
1982	4 974 046	-	-	-	-	-	-
Broilers and other meat-type chickens sold farms, 1987	1 060	13	2	5	1	25	13
1982	1 041	10	3	11	5	7	23
number, 1987	686 016	3 036	(D)	260	(D)	5 865	(D)
1982	429 369	2 433	(D)	11 800	360	1 349	8 686
1987 farms by number sold:							
1 to 1,999	1 021	13	2	5	1	25	12
2,000 to 59,999	38	-	-	-	-	-	1
60,000 to 99,999	-	-	-	-	-	-	-
100,000 to 199,999	1	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-
500,000 or more farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Turkeys sold farms, 1987	407	3	-	-	2	3	6
1982	337	1	-	1	-	-	1
number, 1987	9 594 632	58	-	-	(D)	(D)	(D)
1982	7 297 838	(D)	-	(D)	-	-	(D)
Turkeys for slaughter sold farms, 1987	382	2	-	-	2	3	6
1982	314	1	-	1	-	-	1
number, 1987	9 527 469	(D)	-	-	(D)	(D)	(D)
1982	7 216 491	(D)	-	(D)	-	-	(D)
Ducks, geese, and other poultry sold farms, 1987	387	3	-	1	3	6	9
1982	431	8	-	2	-	4	6

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
INVENTORY							
Any poultry farms, 1987	73	55	79	151	52	101	32
1982	10[illegible]	84	118	170	82	157	76
Chickens 3 months old or older farms, 1987	48	45	55	121	25	67	19
1982	78	77	90	135	51	123	53
number, 1987	80 541	244 311	15 717	88 683	(D)	114 228	(D)
1982	49 592	240 243	28 324	149 777	75 617	141 884	(D)
Hens and pullets of laying age farms, 1987	47	45	55	120	25	67	19
1982	74	75	88	135	50	123	53
number, 1987	(D)	(D)	(D)	79 121	51 753	114 071	(D)
1982	(D)	(D)	28 104	148 406	(D)	(D)	(D)
1987 farms by inventory:							
1 to 99	35	35	43	97	15	49	15
100 to 399	9	3	10	14	7	12	1
400 to 3,199	1	2	1	4	-	2	1
3,200 to 9,999	1	1	-	3	1	1	-
10,000 to 19,999	-	1	1	1	1	2	1
20,000 to 49,999	1	2	-	1	1	-	-
50,000 to 99,999	-	-	-	-	-	1	1
100,000 or more farms	-	1	-	-	-	-	-
number	-	(D)	-	-	-	-	-
Pullets 3 months old or older not of laying age farms, 1987	6	5	1	9	1	4	2
1982	10	9	10	10	1	9	5
number, 1987	(D)	(D)	(D)	9 562	(D)	157	(D)
1982	(D)	(D)	220	1 371	(D)	(D)	61
Pullet chicks and pullets under 3 months old farms, 1987	1	1	2	3	2	3	-
1982	5	1	-	1	2	2	4
number, 1987	(D)	(D)	(D)	160	(D)	52	-
1982	178 045	(D)	-	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens farms, 1987	15	7	19	44	12	34	8
1982	28	19	28	45	14	43	16
number, 1987	8 464	346	1 856	9 775	860	5 015	409
1982	4 113	1 396	3 393	4 887	1 727	4 115	1 876
Turkeys farms, 1987	13	8	8	15	15	15	5
1982	14	10	17	27	10	15	2
number, 1987	138 113	20 068	37	78	612 952	9 061	(D)
1982	(D)	(D)	(D)	179	328 213	96	(D)
Turkey hens kept for breeding farms, 1987	4	5	4	7	3	8	2
1982	6	2	8	11	1	10	2
number, 1987	(D)	(D)	15	28	9	(D)	(D)
1982	(D)	(D)	(D)	55	(D)	38	(D)
Ducks, geese, and other poultry farms, 1987	23	18	33	25	9	21	8
1982	31	19	30	35	22	40	25
SALES							
Any poultry sold farms, 1987	52	32	46	81	54	67	25
1982	59	44	84	88	60	93	33
$1,000, 1987	4 861	2 986	1 355	75[illegible]	14 841	1 796	1 848
1982	3 884	3 909	2 020	1 395	9 742	2 263	1 804
Hens and pullets sold farms, 1987	10	12	8	24	8	19	4
1982	25	16	25	36	28	39	12
number, 1987	376 355	224 911	(D)	50 433	385 830	75 330	(D)
1982	408 706	143 300	24 349	139 918	261 688	180 747	(D)
Hens and pullets of laying age sold farms, 1987	7	11	8	21	6	19	3
1982	22	16	25	32	26	39	12
number, 1987	(D)	(D)	(D)	48 809	56 830	(D)	(D)
1982	30 923	143 300	24 349	(D)	(D)	(D)	(D)
Pullets not of laying age sold farms, 1987	3	1	-	3	3	1	1
1982	3	-	-	5	2	1	-
number, 1987	(D)	(D)	-	10 624	329 000	(D)	(D)
1982	377 783	-	-	(D)	(D)	(D)	-
Broilers and other meat-type chickens sold farms, 1987	19	6	12	22	15	26	10
1982	14	5	26	29	18	26	9
number, 1987	7 819	3 300	4 819	12 997	2 385	6 743	4 255
1982	2 603	4 524	8 891	6 893	5 225	9 814	2 035
1987 farms by number sold:							
1 to 1,999	18	6	12	21	15	26	9
2,000 to 59,999	1	-	-	1	-	-	1
60,000 to 99,999	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-
500,000 or more farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Turkeys sold farms, 1987	8	3	6	3	17	11	3
1982	10	3	8	3	11	6	4
number, 1987	443 044	(D)	(D)	9	1 674 659	91 843	175 000
1982	280 344	(D)	(D)	21	980 800	90 211	(D)
Turkeys for slaughter sold farms, 1987	8	3	6	2	17	9	3
1982	10	2	7	2	11	6	4
number, 1987	(D)	(D)	(D)	(D)	1 674 659	(D)	175 000
1982	(D)	(D)	(D)	(D)	(D)	90 211	(D)
Ducks, geese, and other poultry sold farms, 1987	8	5	8	8	4	4	2
1982	7	2	14	7	3	5	3

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY							
Any poultry .... farms, 1987	58	57	62	42	61	73	50
1982	102	81	85	80	77	125	79
Chickens 3 months old or older .... farms, 1987	43	41	49	29	42	55	44
1982	72	60	72	63	65	98	67
number, 1987	5 538	1 911	15 327	141 271	4 361	58 642	1 946
1982	12 061	4 041	27 774	120 526	6 565	137 520	3 583
Hens and pullets of laying age .... farms, 1987	43	41	49	28	40	54	44
1982	72	59	70	62	65	97	66
number, 1987	4 563	1 911	15 138	(D)	3 679	58 332	1 871
1982	11 289	3 785	27 009	(D)	6 307	(D)	(D)
1987 farms by inventory:							
1 to 99	24	37	39	20	28	31	41
100 to 399	19	3	6	1	9	17	1
400 to 3,199	-	1	3	2	3	-	2
3,200 to 9,999	-	-	1	1	-	3	-
10,000 to 19,999	-	-	-	3	-	3	-
20,000 to 49,999	-	-	-	1	-	-	-
50,000 to 99,999	-	-	-	-	-	-	-
100,000 or more .... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age .... farms, 1987	4	-	6	2	6	5	6
1982	5	9	8	5	9	6	2
number, 1987	975	-	169	(D)	482	310	75
1982	772	256	765	(D)	258	(D)	(D)
Pullet chicks and pullets under 3 months old .... farms, 1987	-	1	1	1	1	-	-
1982	-	1	1	-	1	1	-
number, 1987	-	(D)	(D)	(D)	(D)	-	-
1982	-	(D)	(D)	-	(D)	(D)	-
Broilers and other meat-type chickens .... farms, 1987	20	9	25	6	17	19	7
1982	29	17	18	10	22	32	13
number, 1987	3 134	510	2 930	1 203	1 759	2 476	414
1982	3 136	2 297	2 029	1 215	2 366	3 884	610
Turkeys .... farms, 1987	4	5	11	9	7	10	6
1982	8	9	11	5	6	7	4
number, 1987	225	39	101	54	(D)	325	42
1982	92	107	90	(D)	(D)	46	11
Turkey hens kept for breeding .... farms, 1987	2	5	5	5	3	3	2
1982	1	5	2	4	4	3	4
number, 1987	(D)	14	14	33	(D)	5	(D)
1982	(D)	21	(D)	7	12	29	11
Ducks, geese, and other poultry .... farms, 1987	7	22	18	10	11	18	10
1982	19	21	23	21	16	27	14
SALES							
Any poultry sold .... farms, 1987	44	24	31	28	31	50	20
1982	68	37	55	41	48	79	21
$1,000, 1987	95	(D)	122	1 730	(D)	546	15
1982	65	371	249	1 505	763	963	16
Hens and pullets sold .... farms, 1987	10	3	2	6	6	14	3
1982	35	14	25	22	18	42	7
number, 1987	2 516	(D)	(D)	277 000	485	38 986	(D)
1982	5 718	(D)	14 466	211 382	7 042	107 686	520
Hens and pullets of laying age sold .... farms, 1987	10	2	2	6	6	14	3
1982	35	13	23	20	18	40	7
number, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982	5 718	1 321	(D)	(D)	7 042	(D)	520
Pullets not of laying age sold .... farms, 1987	1	1	-	2	1	2	-
1982	-	1	2	3	-	2	-
number, 1987	(D)	(D)	-	(D)	(D)	(D)	-
1982	-	(D)	(D)	(D)	-	(D)	-
Broilers and other meat-type chickens sold .... farms, 1987	17	5	11	6	9	16	6
1982	9	9	13	6	6	13	3
number, 1987	3 005	1 585	6 022	996	1 115	14 683	(D)
1982	1 000	4 505	4 776	1 345	678	2 470	315
1987 farms by number sold:							
1 to 1,999	17	5	10	6	9	14	5
2,000 to 59,999	-	-	1	-	-	2	1
60,000 to 99,999	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-
500,000 or more .... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Turkeys sold .... farms, 1987	-	-	2	1	3	3	1
1982	-	2	4	2	3	1	-
number, 1987	-	-	(D)	(D)	(D)	(D)	(D)
1982	-	(D)	54	(D)	(D)	(D)	-
Turkeys for slaughter sold .... farms, 1987	-	-	2	1	2	3	1
1982	-	2	4	1	3	1	-
number, 1987	-	-	(D)	(D)	(D)	(D)	(D)
1982	-	(D)	54	(D)	(D)	(D)	-
Ducks, geese, and other poultry sold .... farms, 1987	5	1	6	2	6	3	-
1982	5	3	10	4	4	16	3

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
INVENTORY							
Any poultry farms, 1987	41	115	95	99	67	111	56
1982	42	144	122	143	94	140	68
Chickens 3 months old or older farms, 1987	27	94	80	73	50	95	43
1982	27	109	96	123	78	124	60
number, 1987	(D)	143 411	12 871	47 278	112 185	170 855	1 169
1982	254 050	108 442	55 925	65 961	105 114	90 023	2 939
Hens and pullets of laying age farms, 1987	27	93	59	72	48	95	43
1982	27	109	94	122	77	123	60
number, 1987	(D)	(D)	12 516	47 188	(D)	170 743	998
1982	(D)	108 173	55 001	65 502	102 712	89 605	2 662
1987 farms by inventory:							
1 to 99	21	77	47	43	37	81	41
100 to 399	2	12	10	23	4	3	2
400 to 3,199	1	1	1	2	3	-	-
3,200 to 9,999	1	1	1	2	1	-	-
10,000 to 19,999	-	1	-	2	2	9	-
20,000 to 49,999	1	-	-	-	-	2	-
50,000 to 99,999	-	1	-	-	1	-	-
100,000 or more farms	1	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
Pullets 3 months old or older not of laying age farms, 1987	5	12	7	6	6	5	7
1982	1	9	13	7	11	16	6
number, 1987	(D)	(D)	355	110	(D)	112	171
1982	(D)	269	924	459	2 402	418	277
Pullet chicks and pullets under 3 months old farms, 1987	-	3	2	1	5	2	-
1982	1	4	2	2	1	4	6
number, 1987	-	50	(D)	(D)	49 425	(D)	-
1982	(D)	(D)	(D)	(D)	(D)	(D)	194
Broilers and other meat-type chickens farms, 1987	12	30	29	22	18	17	12
1982	12	49	36	35	29	24	8
number, 1987	880	15 610	1 656	2 705	5 981	2 577	2 383
1982	1 720	4 782	3 407	6 399	4 198	2 117	406
Turkeys farms, 1987	7	20	18	15	10	16	7
1982	4	25	15	14	6	3	2
number, 1987	62	(D)	4 285	150	325	144	40
1982	23	125	74	168	79	(D)	(D)
Turkey hens kept for breeding farms, 1987	3	6	2	2	5	10	2
1982	2	9	3	3	3	2	-
number, 1987	15	12	(D)	(D)	(D)	40	(D)
1982	(D)	32	3	3	6	(D)	-
Ducks, geese, and other poultry farms, 1987	18	34	30	30	17	14	11
1982	11	30	38	23	24	20	10
SALES							
Any poultry sold farms, 1987	26	53	52	48	32	34	13
1982	25	80	68	100	37	50	21
$1,000, 1987	4 019	1 130	259	518	(D)	1 491	9
1982	5 285	1 294	475	617	4 713	682	17
Hens and pullets sold farms, 1987	11	12	10	13	9	18	2
1982	15	27	21	54	15	20	6
number, 1987	802 715	195 914	(D)	53 077	115 472	140 173	(D)
1982	704 556	239 673	44 526	59 440	83 763	48 846	431
Hens and pullets of laying age sold farms, 1987	5	11	9	12	8	18	2
1982	13	27	20	54	14	18	6
number, 1987	(D)	(D)	(D)	(D)	(D)	140 173	(D)
1982	(D)	(D)	(D)	59 440	(D)	(D)	431
Pullets not of laying age sold farms, 1987	7	1	1	1	1	-	-
1982	3	1	1	-	1	2	-
number, 1987	(D)	(D)	(D)	(D)	(D)	-	-
1982	(D)	(D)	(D)	-	(D)	(D)	-
Broilers and other meat-type chickens sold farms, 1987	5	16	20	6	12	8	3
1982	3	19	16	15	13	5	2
number, 1987	4 705	16 019	2 229	1 563	(D)	1 900	(D)
1982	(D)	4 875	3 075	3 741	3 136	1 391	(D)
1987 farms by number sold:							
1 to 1,999	4	13	20	6	9	8	3
2,000 to 59,999	1	3	-	-	2	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	1	-	-
200,000 to 499,999	-	-	-	-	-	-	-
500,000 or more farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Turkeys sold farms, 1987	2	6	10	1	3	1	-
1982	-	3	2	4	2	-	-
number, 1987	(D)	56 683	(D)	(D)	136	(D)	-
1982	-	(D)	(D)	37	(D)	-	-
Turkeys for slaughter sold farms, 1987	2	6	10	1	3	1	-
1982	-	3	2	4	2	-	-
number, 1987	(D)	(D)	(D)	(D)	136	(D)	-
1982	-	(D)	(D)	37	(D)	-	-
Ducks, geese, and other poultry sold farms, 1987	8	5	16	6	2	1	
1982	4	9	15	14	3	1	

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY								
Any poultry ......farms, 1987	70	31	34	87	44	93	55	55
1982	97	74	37	148	46	138	73	82
Chickens 3 months old or older ......farms, 1987	58	25	25	60	31	65	29	41
1982	83	62	25	124	37	109	54	68
number, 1987	(D)	1 065	174 678	6 116	21 563	(D)	2 473	575 094
1982	144 706	(D)	202 344	119 138	16 502	344 739	2 525	415 039
Hens and pullets of laying age ......farms, 1987	57	24	24	60	31	65	29	39
1982	82	61	24	123	36	108	54	68
number, 1987	(D)	(D)	(D)	5 968	21 288	(D)	(D)	(D)
1982	(D)	(D)	(D)	(D)	16 215	(D)	2 455	413 977
1987 farms by inventory:								
1 to 99	37	21	16	36	16	45	24	19
100 to 399	16	3	4	22	12	15	2	6
400 to 3,199	2	-	-	2	-	3	3	-
3,200 to 9,999	-	-	2	-	3	-	-	7
10,000 to 19,999	-	-	-	-	-	1	-	4
20,000 to 49,999	1	-	-	-	-	-	-	2
50,000 to 99,999	1	-	2	-	-	-	-	-
100,000 or more ......farms	-	-	-	-	-	1	-	1
number	-	-	-	-	-	(D)	-	(D)
Pullets 3 months old or older not of laying age ......farms, 1987	6	1	1	4	4	4	2	6
1982	6	11	2	11	6	8	4	8
number, 1987	264	(D)	(D)	128	275	(D)	(D)	(D)
1982	(D)	428	(D)	(D)	287	(D)	70	1 062
Pullet chicks and pullets under 3 months old ......farms, 1987	-	-	1	2	1	2	-	1
1982	2	1	2	2	2	3	-	5
number, 1987	-	-	(D)	(D)	(D)	(D)	-	(D)
1982	(D)	(D)	(D)	(D)	(D)	(D)	-	109 525
Broilers and other meat-type chickens ......farms, 1987	11	4	4	20	17	18	21	15
1982	20	8	9	26	14	27	17	14
number, 1987	1 057	395	728	2 300	2 428	1 997	(D)	1 765
1982	2 148	331	1 215	2 378	1 727	2 702	7 241	1 209
Turkeys ......farms, 1987	7	-	7	20	10	13	12	6
1982	6	4	5	12	4	15	12	4
number, 1987	(D)	-	72	275	210	(D)	(D)	133
1982	64	10	61	61	17	170	(D)	34
Turkey hens kept for breeding ......farms, 1987	2	-	3	1	1	4	3	2
1982	-	4	3	5	2	5	9	2
number, 1987	(D)	-	29	(D)	(D)	(D)	11	(D)
1982	-	(D)	7	18	(D)	28	14	(D)
Ducks, geese, and other poultry ......farms, 1987	10	9	10	22	11	29	16	10
1982	11	26	10	28	16	38	26	14
SALES								
Any poultry sold ......farms, 1987	45	15	23	56	24	45	32	48
1982	72	36	29	86	34	75	35	62
$1,000, 1987	1 111	(D)	1 769	(D)	193	1 589	997	5 257
1982	1 849	286	2 392	381	150	2 602	1 371	4 004
Hens and pullets sold ......farms, 1987	7	5	9	8	8	8	8	23
1982	30	13	14	26	13	33	10	41
number, 1987	(D)	(D)	264 229	(D)	17 259	(D)	2 000	502 173
1982	156 683	(D)	322 606	(D)	13 649	415 593	966	458 964
Hens and pullets of laying age sold ......farms, 1987	7	5	7	7	7	7	8	20
1982	30	13	12	26	13	32	10	37
number, 1987	(D)	(D)	(D)	(D)	(D)	(D)	2 000	166 173
1982	(D)	(D)	(D)	29 460	13 649	(D)	966	270 964
Pullets not of laying age sold ......farms, 1987	-	-	2	1	2	2	-	3
1982	1	-	2	2	-	2	-	4
number, 1987	-	-	(D)	(D)	(D)	(D)	-	336 000
1982	(D)	-	(D)	(D)	-	(D)	-	188 000
Broilers and other meat-type chickens sold ......farms, 1987	10	2	10	21	7	14	14	16
1982	13	5	9	18	5	11	14	6
number, 1987	1 976	(D)	4 528	2 428	1 415	1 858	51 775	3 246
1982	1 347	574	3 690	1 808	1 002	1 497	29 029	766
1987 farms by number sold:								
1 to 1,999	10	2	10	21	7	14	11	16
2,000 to 59,999	-	-	-	-	-	-	3	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more ......farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold ......farms, 1987	3	1	2	7	2	5	6	3
1982	2	1	3	6	-	4	4	1
number, 1987	(D)	(D)	(D)	75	(D)	25 208	106 573	(D)
1982	(D)	(D)	(D)	51	-	(D)	(D)	(D)
Turkeys for slaughter sold ......farms, 1987	3	1	1	7	2	4	6	3
1982	2	1	3	6	-	4	4	1
number, 1987	(D)	(D)	(D)	75	(D)	(D)	(D)	(D)
1982	(D)	(D)	(D)	51	-	(D)	(D)	(D)
Ducks, geese, and other poultry sold ......farms, 1987	1	1	2	7	1	4	4	4
1982	5	8	4	11	3	7	6	4

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
INVENTORY									
Any poultry	farms, 1987	23	36	60	53	52	47	53	65
	1982	40	61	85	85	68	65	82	95
Chickens 3 months old or older	farms, 1987	20	24	41	42	28	33	42	53
	1982	35	55	73	70	46	54	62	76
	number, 1987	1 906	2 509	4 556	13 144	14 242	(D)	168 199	3 132
	1982	1 949	(D)	29 674	(D)	94 933	186 502	204 718	5 547
Hens and pullets of laying age	farms, 1987	19	24	39	41	27	33	41	53
	1982	35	55	72	70	43	54	62	74
	number, 1987	1 706	(D)	4 186	(D)	(D)	(D)	(D)	(D)
	1982	1 754	(D)	29 171	(D)	(D)	(D)	203 994	5 181
1987 farms by inventory:									
1 to 99		12	18	27	33	21	18	26	47
100 to 399		6	5	9	5	4	11	9	4
400 to 3,199		1	1	3	2	1	2	1	2
3,200 to 9,999		-	-	-	1	1	-	-	-
10,000 to 19,999		-	-	-	-	-	1	1	-
20,000 to 49,999		-	-	-	-	-	-	3	-
50,000 to 99,999		-	-	-	-	-	-	1	-
100,000 or more	farms	-	-	-	-	-	1	-	-
	number	-	-	-	-	-	(D)	-	
Pullets 3 months old or older not of laying age	farms, 1987	3	2	4	6	2	4	3	
	1982	4	6	7	4	7	3	6	
	number, 1987	200	(D)	370	(D)	(D)	(D)	(D)	
	1982	195	(D)	503	70	(D)	(D)	724	
Pullet chicks and pullets under 3 months old	farms, 1987	1	-	1	1	1	-	-	
	1982	1	3	2	3	-	-	2	
	number, 1987	(D)	-	(D)	(D)	(D)	-	-	
	1982	(D)	60	(D)	(D)	-	-	(D)	
Broilers and other meat-type chickens	farms, 1987	4	14	21	17	7	11	11	
	1982	10	16	15	21	15	13	24	
	number, 1987	248	3 690	2 013	1 178	2 990	3 120	1 251	
	1982	750	1 250	6 655	1 623	2 154	1 647	2 399	
Turkeys	farms, 1987	2	5	12	9	18	4	6	
	1982	3	9	8	8	12	8	6	
	number, 1987	(D)	41	(D)	37	613 276	60	8 047	
	1982	(D)	62	70	34	393 163	57	51	
Turkey hens kept for breeding	farms, 1987	2	2	5	6	1	1	5	
	1982	2	4	2	5	1	4	4	
	number, 1987	(D)	(D)	(D)	8	(D)	(D)	(D)	
	1982	(D)	8	(D)	10	(D)	8	15	
Ducks, geese, and other poultry	farms, 1987	8	9	14	7	6	12	10	
	1982	5	12	16	15	12	18	24	
SALES									
Any poultry sold	farms, 1987	12	23	62	25	51	40	38	
	1982	14	36	75	42	63	41	59	
	$1,000, 1987	14	116	(D)	106	31 558	(D)	1 958	
	1982	10	616	1 612	1 613	25 097	1 082	2 260	
Hens and pullets sold	farms, 1987	5	3	8	9	5	12	10	
	1982	6	14	27	18	16	22	20	
	number, 1987	267	(D)	(D)	(D)	(D)	(D)	116 309	
	1982	1 380	14 486	31 096	171 146	(D)	(D)	139 429	
Hens and pullets of laying age sold	farms, 1987	5	3	8	8	3	12	10	
	1982	6	14	27	17	14	22	19	
	number, 1987	267	(D)	(D)	5 013	(D)	(D)	116 309	
	1982	1 380	14 486	(D)	(D)	13 869	55 010	(D)	
Pullets not of laying age sold	farms, 1987	-	-	-	1	2	-	-	
	1982	-	-	1	1	2	1	2	
	number, 1987	-	-	-	(D)	(D)	-	-	
	1982	-	-	(D)	(D)	(D)	(D)	(D)	
Broilers and other meat-type chickens sold	farms, 1987	-	13	28	12	14	19	12	
	1982	1	8	23	9	7	11	19	
	number, 1987	-	14 115	11 380	1 980	11 975	1 709	2 447	
	1982	(D)	3 087	7 689	1 252	1 517	2 605	4 175	
1987 farms by number sold:									
1 to 1,999		-	11	27	12	11	19	12	
2,000 to 59,999		-	2	1	-	3	-	-	
60,000 to 99,999		-	-	-	-	-	-	-	
100,000 to 199,999		-	-	-	-	-	-	-	
200,000 to 499,999		-	-	-	-	-	-	-	
500,000 or more	farms	-	-	-	-	-	-	-	
	number	-	-	-	-	-	-	-	
Turkeys sold	farms, 1987	1	3	8	-	25	4	4	
	1982	-	3	4	-	28	2	4	
	number, 1987	(D)	(D)	5 201	-	2 952 084	(D)	90 021	
	1982	-	(D)	(D)	-	2 284 901	(D)	(D)	
Turkeys for slaughter sold	farms, 1987	1	3	7	-	25	4	2	
	1982	-	3	4	-	27	2	4	
	number, 1987	(D)	(D)	(D)	-	2 952 084	(D)	(D)	
	1982	-	(D)	(D)	-	(D)	(D)	(D)	
Ducks, geese, and other poultry sold	farms, 1987	1	-	11	3	1	5	5	
	1982	-	-	7	2	2	-	3	

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
INVENTORY									
Any poultry	farms, 1987	57	59	28	47	54	117	81	51
	1982	91	97	51	64	100	148	105	88
Chickens 3 months old or older	farms, 1987	37	47	23	26	43	85	66	43
	1982	66	81	44	46	88	128	82	77
	number, 1987	(D)	37 023	34 123	5 582	7 539	31 018	77 115	3 183
	1982	30 528	51 074	50 334	6 895	12 670	36 642	69 374	5 699
Hens and pullets of laying age	farms, 1987	37	45	23	26	43	83	62	43
	1982	64	80	44	46	88	127	82	77
	number, 1987	(D)	(D)	34 123	(D)	(D)	(D)	76 667	3 056
	1982	30 376	50 064	(D)	6 075	12 324	35 676	69 110	5 689
1987 farms by inventory:									
1 to 99		35	28	14	17	30	70	36	36
100 to 399		-	14	3	6	10	11	16	6
400 to 3,199		-	-	3	3	2	2	4	1
3,200 to 9,999		2	2	1	-	1	-	3	-
10,000 to 19,999		-	-	2	-	-	-	2	-
20,000 to 49,999		-	1	-	-	-	-	1	-
50,000 to 99,999		-	-	-	-	-	-	-	-
100,000 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age	farms, 1987	5	5	-	1	2	14	5	8
	1982	6	8	5	4	6	15	5	6
	number, 1987	110	(D)	-	(D)	(D)	(D)	448	127
	1982	152	1 010	(D)	820	346	964	264	210
Pullet chicks and pullets under 3 months old	farms, 1987	-	1	-	1	2	7	1	2
	1982	2	3	1	-	-	5	1	1
	number, 1987	-	(D)	-	(D)	(D)	380	(D)	(D)
	1982	(D)	(D)	(D)	-	-	(D)	(D)	(D)
Broilers and other meat-type chickens	farms, 1987	7	11	5	21	9	35	19	8
	1982	16	19	13	20	19	42	34	14
	number, 1987	2 775	1 317	217	2 668	866	7 629	2 000	301
	1982	1 328	1 177	2 304	1 819	1 263	5 032	3 361	1 196
Turkeys	farms, 1987	18	5	2	5	9	13	6	15
	1982	19	9	6	3	10	10	6	7
	number, 1987	156 201	(D)	(D)	7 087	31 425	358	44	84
	1982	102 951	182	43	(D)	(D)	74	49	38
Turkey hens kept for breeding	farms, 1987	5	2	-	2	5	4	3	10
	1982	6	3	3	2	3	1	3	5
	number, 1987	(D)	(D)	-	(D)	15	(D)	6	55
	1982	(D)	56	9	(D)	(D)	(D)	11	13
Ducks, geese, and other poultry	farms, 1987	12	9	4	10	8	23	10	13
	1982	21	11	14	14	13	26	16	20
SALES									
Any poultry sold	farms, 1987	46	35	14	20	34	59	52	17
	1982	59	58	33	35	63	75	33	33
	$1,000, 1987	5 103	(D)	287	(D)	744	234	648	24
	1982	5 905	546	416	664	356	431	615	44
Hens and pullets sold	farms, 1987	5	10	5	2	8	5	18	8
	1982	10	38	23	20	28	28	28	10
	number, 1987	(D)	30 096	23 500	(D)	(D)	(D)	64 859	936
	1982	14 149	112 563	40 701	2 942	9 017	77 351	59 211	2 760
Hens and pullets of laying age sold	farms, 1987	4	10	5	2	8	3	17	6
	1982	10	37	23	20	28	27	28	10
	number, 1987	(D)	30 096	23 500	(D)	(D)	501	(D)	(D)
	1982	(D)	(D)	40 701	2 942	(D)	(D)	59 211	2 760
Pullets not of laying age sold	farms, 1987	1	-	-	-	1	2	1	2
	1982	2	1	-	-	1	1	-	-
	number, 1987	(D)	-	-	-	(D)	(D)	(D)	(D)
	1982	(D)	(D)	-	-	(D)	(D)	-	-
Broilers and other meat-type chickens sold	farms, 1987	11	6	3	5	6	22	12	4
	1982	10	7	9	7	14	20	15	4
	number, 1987	9 226	2 450	(D)	385	2 025	6 712	2 607	562
	1982	13 129	357	1 771	620	3 213	3 852	2 202	270
1987 farms by number sold:									
1 to 1,999		10	6	3	5	6	22	12	4
2,000 to 59,999		1	-	-	-	-	-	-	-
60,000 to 99,999		-	-	-	-	-	-	-	-
100,000 to 199,999		-	-	-	-	-	-	-	-
200,000 to 499,999		-	-	-	-	-	-	-	-
500,000 or more	farms	-	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-	-
Turkeys sold	farms, 1987	24	2	-	4	6	5	2	-
	1982	26	3	-	2	6	3	3	-
	number, 1987	577 290	(D)	-	5 060	(D)	(D)	(D)	-
	1982	647 640	(D)	-	(D)	(D)	34	28	-
Turkeys for slaughter sold	farms, 1987	22	2	-	2	6	5	2	-
	1982	26	2	-	-	6	3	3	-
	number, 1987	566 278	(D)	-	(D)	(D)	(D)	(D)	-
	1982	(D)	(D)	-	-	(D)	34	28	-
Ducks, geese, and other poultry sold	farms, 1987	4	3	1	2	-	8	-	1
	1982	3	2	2	1	4	4	-	2

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY								
Any poultry ..... farms, 1987	178	68	66	103	73	100	36	46
1982	212	117	84	146	122	179	52	65
Chickens 3 months old or older ..... farms, 1987	140	58	55	72	61	78	29	36
1982	189	100	70	115	113	157	42	59
number, 1987	454 105	8 993	(D)	278 711	3 847	4 650	2 770	(D)
1982	270 413	14 007	111 983	322 227	26 738	19 793	2 448	50 864
Hens and pullets of laying age ..... farms, 1987	137	55	54	72	60	77	29	35
1982	185	96	68	113	113	157	42	58
number, 1987	453 868	8 614	(D)	268 236	3 768	4 509	(D)	(D)
1982	269 323	13 372	111 846	320 375	26 528	19 187	2 351	(D)
1987 farms by inventory:								
1 to 99	100	41	43	46	53	64	24	31
100 to 399	26	11	7	11	6	11	3	2
400 to 3,199	3	2	2	6	1	2	2	-
3,200 to 9,999	4	1	-	4	-	-	-	-
10,000 to 19,999	-	-	-	1	-	-	-	1
20,000 to 49,999	2	-	1	2	-	-	-	1
50,000 to 99,999	2	-	1	1	-	-	-	-
100,000 or more ..... farms	1	-	-	1	-	-	-	-
number	(D)	-	-	(D)	-	-	-	-
Pullets 3 months old or older not of laying age ..... farms, 1987	8	8	8	10	6	6	3	5
1982	16	14	5	10	11	16	4	3
number, 1987	237	379	162	10 475	79	141	(D)	190
1982	1 090	635	137	1 852	210	606	[illegible]	(D)
Pullet chicks and pullets under 3 months old ..... farms, 1987	1	-	-	1	1	3	-	2
1982	3	1	2	2	2	3	-	-
number, 1987	(D)	-	-	(D)	(D)	(D)	-	(D)
1982	(D)	(D)	(D)	(D)	(D)	(D)	-	-
Broilers and other meat-type chickens ..... farms, 1987	41	13	12	19	8	16	8	
1982	38	22	15	23	20	40	11	
number, 1987	4 858	1 141	940	2 135	593	1 367	1 901	
1982	3 001	1 839	1 000	2 306	943	2 466	943	
Turkeys ..... farms, 1987	16	8	6	17	5	17	4	
1982	13	15	3	10	5	24	2	
number, 1987	38 360	42	94	(D)	15 033	137	32 015	
1982	(D)	51	(D)	(D)	(D)	150	(D)	
Turkey hens kept for breeding ..... farms, 1987	3	2	6	11	2	6	1	
1982	5	10	2	4	3	17	1	
number, 1987	13	(D)	(D)	59	(D)	29	(D)	
1982	16	18	(D)	4	7	67	(D)	
Ducks, geese, and other poultry ..... farms, 1987	28	11	12	29	12	30	8	
1982	37	25	14	31	27	54	13	
SALES								
Any poultry sold ..... farms, 1987	111	36	42	78	30	54	17	
1982	141	59	41	105	50	74	26	
$1,000, 1987	6 556	65	(D)	3 979	(D)	40	(D)	
1982	3 680	101	1 007	4 525	452	127	125	
Hens and pullets sold ..... farms, 1987	32	6	11	25	3	5	5	
1982	48	21	15	53	20	20	6	
number, 1987	348 344	(D)	(D)	281 776	(D)	235	(D)	
1982	376 559	7 273	(D)	295 270	(D)	5 686	572	
Hens and pullets of laying age sold ..... farms, 1987	32	6	11	25	3	5	5	
1982	45	21	15	53	20	20	6	
number, 1987	348 344	(D)	(D)	(D)	(D)	235	(D)	
1982	(D)	(D)	(D)	295 270	(D)	5 686	572	
Pullets not of laying age sold ..... farms, 1987	-	-	1	1	-	-	2	
1982	3	1	-	-	-	-	-	
number, 1987	-	-	(D)	(D)	-	-	(D)	
1982	(D)	(D)	-	-	-	-	-	
Broilers and other meat-type chickens sold ..... farms, 1987	28	8	14	32	1	13	5	
1982	30	13	7	20	8	21	6	
number, 1987	10 610	754	988	6 422	(D)	4 114	1 230	
1982	4 613	1 702	3 519	2 941	424	1 534	958	
1987 farms by number sold:								
1 to 1,999	28	8	14	31	1	12	5	
2,000 to 59,999	-	-	-	1	-	1	-	
60,000 to 99,999	-	-	-	-	-	-	-	
100,000 to 199,999	-	-	-	-	-	-	-	
200,000 to 499,999	-	-	-	-	-	-	-	
500,000 or more ..... farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	
Turkeys sold ..... farms, 1987	16	3	4	7	3	4	4	
1982	9	2	1	9	1	4	3	
number, 1987	228 916	21	84	(D)	44 080	79	(D)	
1982	125 791	(D)	(D)	(D)	(D)	(D)	(D)	
Turkeys for slaughter sold ..... farms, 1987	16	3	4	7	2	4	4	
1982	9	2	1	9	1	4	3	
number, 1987	228 916	21	84	(D)	(D)	79	(D)	
1982	125 791	(D)	(D)	(D)	(D)	(D)	(D)	
Ducks, geese, and other poultry sold ..... farms, 1987	5	4	6	8	3	8	3	
1982	8	5	-	16	2	11	3	

Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY								
Any poultry farms, 1987	78	68	79	82	54	30	75	49
1982	100	102	123	104	67	43	101	75
Chickens 3 months old or older farms, 1987	55	54	65	60	42	25	63	40
1982	82	91	114	93	52	36	89	59
number, 1987	3 356	(D)	176 937	36 292	2 411	1 319	521 298	1 544
1982	34 077	19 633	149 228	78 537	76 811	1 344	665 765	8 589
Hens and pullets of laying age farms, 1987	53	54	64	59	42	24	60	40
1982	81	88	113	90	52	36	85	59
number, 1987	(D)	(D)	(D)	36 149	2 370	1 179	346 224	1 521
1982	33 427	19 212	148 483	78 059	(D)	(D)	409 504	7 884
1987 farms by inventory:								
1 to 99	35	46	39	44	37	19	34	36
100 to 399	14	5	15	11	4	5	4	4
400 to 3,199	3	-	3	1	1	-	5	-
3,200 to 9,999	1	2	2	-	-	-	12	-
10,000 to 19,999	-	-	2	3	-	-	4	-
20,000 to 49,999	-	-	3	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more farms	-	1	-	-	-	-	1	-
number	-	(D)	-	-	-	-	(D)	-
Pullets 3 months old or older not of laying age farms, 1987	2	1	4	5	3	5	6	3
1982	3	9	9	8	2	1	12	9
number, 1987	(D)	(D)	(D)	143	41	140	175 074	23
1982	650	421	745	478	(D)	(D)	278 281	705
Pullet chicks and pullets under 3 months old farms, 1987	-	1	1	4	1	2	1	-
1982	-	1	1	-	-	-	-	1
number, 1987	-	(D)	(D)	400	(D)	(D)	(D)	-
1982	-	(D)	(D)	-	-	-	-	(D)
Broilers and other meat-type chickens farms, 1987	20	12	18	15	13	7	13	17
1982	21	13	13	18	11	9	11	28
number, 1987	3 080	566	2 242	1 860	1 906	692	2 219	1 334
1982	2 421	2 472	1 058	2 322	2 275	566	1 165	2 913
Turkeys farms, 1987	9	-	3	13	10	7	6	10
1982	10	4	4	6	6	6	8	14
number, 1987	144	-	24	118	(D)	46	4 044	107
1982	49	10	26	49	(D)	13	(D)	137
Turkey hens kept for breeding farms, 1987	5	-	1	5	2	1	4	3
1982	6	-	1	3	2	2	6	5
number, 1987	26	-	(D)	10	(D)	(D)	(D)	4
1982	33	-	(D)	12	(D)	(D)	(D)	11
Ducks, geese, and other poultry farms, 1987	13	13	9	18	13	6	10	11
1982	19	24	14	9	13	5	15	16
SALES								
Any poultry sold farms, 1987	54	32	43	42	32	13	59	15
1982	81	38	74	66	40	15	70	25
$1,000, 1987	71	(D)	1 454	825	557	7	5 301	8
1982	201	117	1 362	1 041	682	5	4 889	56
Hens and pullets sold farms, 1987	9	10	16	13	11	2	35	3
1982	34	15	41	32	14	2	44	6
number, 1987	4 836	(D)	107 804	31 909	(D)	(D)	838 272	(D)
1982	22 258	13 321	126 978	41 717	36 912	(D)	553 813	3 114
Hens and pullets of laying age sold farms, 1987	8	10	15	13	11	2	31	3
1982	34	15	41	31	14	2	41	6
number, 1987	(D)	(D)	(D)	31 909	(D)	(D)	236 272	(D)
1982	22 258	13 321	(D)	(D)	36 912	(D)	(D)	3 114
Pullets not of laying age sold farms, 1987	1	1	2	-	-	-	4	-
1982	-	-	1	2	-	-	3	-
number, 1987	(D)	(D)	(D)	-	-	-	602 000	-
1982	-	-	(D)	(D)	-	-	(D)	-
Broilers and other meat-type chickens sold farms, 1987	21	7	10	13	11	2	13	-
1982	21	3	2	8	12	1	15	6
number, 1987	5 404	398	2 383	1 059	2 522	(D)	54 716	-
1982	3 289	(D)	(D)	1 090	3 576	(D)	(D)	1 248
1987 farms by number sold:								
1 to 1,999	21	7	10	13	11	2	10	-
2,000 to 59,999	-	-	-	-	-	-	3	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold farms, 1987	6	1	1	3	3	-	4	2
1982	1	1	-	-	4	-	4	4
number, 1987	54	(D)	(D)	(D)	(D)	-	65 013	(D)
1982	(D)	(D)	-	-	(D)	-	(D)	59
Turkeys for slaughter sold farms, 1987	6	1	1	3	3	-	3	2
1982	-	1	-	-	4	-	3	4
number, 1987	54	(D)	(D)	(D)	(D)	-	(D)	(D)
1982	-	(D)	-	-	(D)	-	(D)	59
Ducks, geese, and other poultry sold farms, 1987	6	3	1	3	7	-	4	-
1982	5	2	-	2	1	2	4	2

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
INVENTORY								
Any poultry farms, 1987	60	34	70	56	42	64	45	113
1982	69	65	87	72	60	79	53	138
Chickens 3 months old or older farms, 1987	44	25	56	35	28	58	33	85
1982	60	56	76	51	39	62	35	117
number, 1987	1 741	3 055	3 962	20 981	(D)	4 346	61 425	150 595
1982	15 451	6 054	13 203	46 229	86 524	6 232	55 973	120 067
Hens and pullets of laying age farms, 1987	43	24	56	33	28	58	33	84
1982	59	55	75	49	39	60	35	116
number, 1987	1 443	2 525	3 810	(D)	(D)	4 168	(D)	(D)
1982	15 366	(D)	(D)	(D)	86 355	(D)	55 698	(D)
1987 farms by inventory:								
1 to 99	38	14	48	21	17	45	24	51
100 to 399	5	10	8	9	6	11	5	26
400 to 3,199	-	-	2	3	1	2	1	3
3,200 to 9,999	-	-	-	-	1	-	1	1
10,000 to 19,999	-	-	-	-	-	-	1	3
20,000 to 49,999	-	-	-	-	-	-	1	-
50,000 to 99,999	-	-	-	-	1	-	-	-
100,000 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age farms, 1987	6	5	9	4	5	5	1	6
1982	3	3	6	5	4	4	4	4
number, 1987	298	530	152	(D)	236	178	(D)	(D)
1982	65	(D)	(D)	(D)	169	(D)	275	(D)
Pullet chicks and pullets under 3 months old farms, 1987	2	-	2	1	-	1	1	5
1982	1	-	-	1	-	1	-	3
number, 1987	(D)	-	(D)	(D)	-	(D)	(D)	371
1982	(D)	-	-	(D)	-	(D)	-	(D)
Broilers and other meat-type chickens farms, 1987	13	11	15	24	12	10	12	27
1982	11	8	20	17	18	20	14	26
number, 1987	1 248	448	873	3 371	2 745	955	(D)	3 859
1982	1 590	635	1 020	2 359	3 080	1 129	3 470	3 388
Turkeys farms, 1987	8	3	13	6	6	4	4	21
1982	9	1	14	10	7	1	4	9
number, 1987	49	24	149	(D)	74	28	(D)	169
1982	69	(D)	(D)	(D)	59	(D)	(D)	77
Turkey hens kept for breeding farms, 1987	3	1	10	2	1	2	3	7
1982	1	1	7	5	2	1	1	2
number, 1987	9	(D)	43	(D)	(D)	(D)	(D)	24
1982	(D)	(D)	18	(D)	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry farms, 1987	14	7	17	15	11	15	11	32
1982	17	12	24	15	12	12	12	22
SALES								
Any poultry sold farms, 1987	15	21	36	37	30	31	27	65
1982	21	35	41	53	46	41	33	84
$1,000, 1987	6	17	31	(D)	(D)	26	908	1 591
1982	116	37	787	857	310	36	533	1 406
Hens and pullets sold farms, 1987	3	3	8	5	10	6	7	19
1982	7	15	16	24	17	17	14	46
number, 1987	275	293	847	(D)	(D)	559	52 404	340 354
1982	8 406	2 411	4 311	(D)	54 206	2 861	41 622	258 086
Hens and pullets of laying age sold farms, 1987	3	3	8	4	10	5	7	17
1982	6	15	16	22	17	17	14	44
number, 1987	(D)	293	847	1 160	(D)	(D)	52 404	(D)
1982	(D)	2 411	4 311	8 060	54 206	2 861	41 622	(D)
Pullets not of laying age sold farms, 1987	1	-	-	1	-	1	-	2
1982	1	-	-	2	-	-	-	2
number, 1987	(D)	-	-	(D)	-	(D)	-	(D)
1982	(D)	-	-	(D)	-	-	-	(D)
Broilers and other meat-type chickens sold farms, 1987	4	5	9	23	15	3	10	16
1982	1	2	9	9	13	7	11	15
number, 1987	209	953	836	6 142	6 183	250	(D)	7 943
1982	(D)	(D)	(D)	5 198	3 107	292	2 875	2 355
1987 farms by number sold:								
1 to 1,999	4	5	9	22	15	3	9	15
2,000 to 59,999	-	-	-	1	-	-	1	1
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold farms, 1987	-	-	5	1	4	1	4	5
1982	-	-	7	5	2	-	3	2
number, 1987	-	-	57	(D)	(D)	(D)	23 073	(D)
1982	-	-	(D)	(D)	(D)	-	(D)	(D)
Turkeys for slaughter sold farms, 1987	-	-	5	1	4	1	2	5
1982	-	-	7	4	2	-	2	2
number, 1987	-	-	57	(D)	(D)	(D)	(D)	(D)
1982	-	-	(D)	(D)	(D)	-	(D)	(D)
Ducks, geese, and other poultry sold farms, 1987	2	1	4	2	4	2	4	12
1982	1	-	5	4	2	1	5	3

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
INVENTORY								
Any poultry farms, 1987	29	55	117	49	30	55	75	64
1982	54	63	158	73	40	75	108	80
Chickens 3 months old or older farms, 1987	18	40	97	37	28	48	60	47
1982	38	49	142	66	35	64	89	66
number, 1987	107 133	(D)	23 973	(D)	1 198	204 693	5 964	4 161
1982	108 163	2 927	30 340	26 960	1 291	96 577	87 897	9 686
Hens and pullets of laying age farms, 1987	18	40	96	37	26	48	60	47
1982	38	48	140	65	35	63	88	65
number, 1987	(D)	(D)	(D)	(D)	(D)	(D)	5 364	(D)
1982	(D)	2 725	29 429	25 802	1 233	(D)	(D)	8 862
1987 farms by inventory:								
1 to 99	12	35	72	30	22	24	45	38
100 to 399	2	3	21	6	4	11	11	5
400 to 3,199	-	-	2	-	-	3	4	4
3,200 to 9,999	-	1	-	-	-	1	-	-
10,000 to 19,999	3	-	1	1	-	4	-	-
20,000 to 49,999	-	-	-	-	-	2	-	-
50,000 to 99,999	1	1	-	-	-	1	-	-
100,000 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age farms, 1987	1	5	4	3	3	3	5	1
1982	4	9	10	6	3	1	11	7
number, 1987	(D)	61	(D)	(D)	(D)	(D)	600	(D)
1982	(D)	202	911	1 148	56	(D)	(D)	1 024
Pullet chicks and pullets under 3 months old farms, 1987	1	4	1	-	-	-	-	1
1982	1	1	2	2	-	1	2	-
number, 1987	(D)	(D)	(D)	-	-	-	-	(D)
1982	(D)	(D)	(D)	(D)	-	(D)	(D)	-
Broilers and other meat-type chickens farms, 1987	12	19	27	8	2	12	18	24
1982	6	15	34	9	7	13	21	24
number, 1987	1 125	1 531	1 975	1 616	(D)	2 350	2 205	3 676
1982	333	1 389	2 676	661	277	1 631	2 276	1 865
Turkeys farms, 1987	2	9	12	7	2	6	20	9
1982	4	5	12	5	3	5	13	5
number, 1987	(D)	110	99	(D)	(D)	65 094	(D)	(D)
1982	(D)	10	74	(D)	12	(D)	(D)	17
Turkey hens kept for breeding farms, 1987	1	3	4	5	1	3	4	-
1982	4	2	4	3	1	2	5	3
number, 1987	(D)	(D)	14	(D)	(D)	(D)	6	-
1982	(D)	(D)	16	(D)	(D)	(D)	39	(D)
Ducks, geese, and other poultry farms, 1987	5	15	28	10	5	10	25	8
1982	20	16	36	9	9	10	35	20
SALES								
Any poultry sold farms, 1987	24	33	61	21	12	38	43	33
1982	34	30	83	50	16	53	70	45
$1,000, 1987	2 348	830	256	(D)	7	2 622	(D)	(D)
1982	1 603	252	432	485	5	933	1 329	46
Hens and pullets sold farms, 1987	9	9	13	4	-	18	4	5
1982	14	11	37	19	4	25	29	19
number, 1987	108 353	(D)	(D)	(D)	-	114 298	511	748
1982	69 911	(D)	23 434	20 344	128	51 169	214 050	5 074
Hens and pullets of laying age sold farms, 1987	7	7	13	4	-	18	4	5
1982	14	10	37	19	4	25	27	19
number, 1987	(D)	(D)	(D)	(D)	-	114 298	511	748
1982	69 911	1 570	23 434	20 344	128	51 169	(D)	5 074
Pullets not of laying age sold farms, 1987	2	2	-	1	-	-	-	-
1982	-	1	-	-	-	-	2	-
number, 1987	(D)	(D)	-	(D)	-	-	-	-
1982	-	(D)	-	-	-	-	(D)	-
Broilers and other meat-type chickens sold farms, 1987	13	10	12	5	2	10	16	11
1982	8	6	10	10	2	10	13	7
number, 1987	1 880	20 198	1 710	884	(D)	4 230	4 527	2 374
1982	2 255	5 105	1 430	1 546	(D)	7 477	2 003	1 080
1987 farms by number sold:								
1 to 1,999	13	7	12	5	2	10	16	11
2,000 to 59,999	-	3	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold farms, 1987	3	3	8	1	-	3	12	3
1982	2	2	4	4	-	3	5	1
number, 1987	(D)	610	85	(D)	-	(D)	(D)	(D)
1982	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
Turkeys for slaughter sold farms, 1987	2	2	6	-	-	3	12	3
1982	-	2	4	4	-	3	5	1
number, 1987	(D)	(D)	(D)	-	-	(D)	(D)	(D)
1982	-	(D)	(D)	(D)	-	(D)	(D)	(D)
Ducks, geese, and other poultry sold farms, 1987	2	4	3	3	-	3	12	2
1982	2	4	9	1	1	1	10	6

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
INVENTORY								
Any poultry ......farms, 1987	111	55	126	46	51	51	83	91
1982	151	60	176	62	59	105	96	108
Chickens 3 months old or older ......farms, 1987	85	41	95	39	45	46	51	74
1982	118	43	143	50	55	91	82	83
number, 1987	650 750	81 386	69 686	1 599	1 898	6 990	(D)	36 122
1982	456 590	93 853	179 702	(D)	3 239	8 996	98 050	143 065
Hens and pullets of laying age ......farms, 1987	82	40	94	39	45	46	51	74
1982	115	41	142	50	55	91	82	79
number, 1987	(D)	(D)	68 638	(D)	1 869	(D)	(D)	(D)
1982	(D)	(D)	(D)	(D)	(D)	8 426	97 946	(D)
1987 farms by inventory:								
1 to 99	39	29	67	33	43	40	49	64
100 to 399	17	2	18	6	1	5	1	6
400 to 3,199	6	4	3	-	1	-	-	2
3,200 to 9,999	5	3	2	-	-	1	-	-
10,000 to 19,999	7	1	4	-	-	-	1	2
20,000 to 49,999	4	1	-	-	-	-	-	-
50,000 to 99,999	3	-	-	-	-	-	-	-
100,000 or more ......farms	1	-	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ......farms, 1987	12	7	11	4	3	1	5	11
1982	15	4	7	1	3	13	8	10
number, 1987	(D)	(D)	850	(D)	29	(D)	99	(D)
1982	(D)	(D)	(D)	(D)	(D)	568	104	(D)
Pullet chicks and pullets under 3 months old ......farms, 1987	5	1	1	-	1	-	1	1
1982	3	4	3	2	-	1	2	1
number, 1987	(D)	(D)	(D)	-	(D)	-	(D)	(D)
1982	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
Broilers and other meat-type chickens ......farms, 1987	27	5	30	10	9	11	11	14
1982	41	14	29	22	10	19	18	28
number, 1987	2 547	607	2 357	432	364	873	599	740
1982	5 794	2 361	3 768	1 510	447	1 669	1 233	1 344
Turkeys ......farms, 1987	17	6	21	5	4	4	13	9
1982	16	9	16	8	3	11	9	10
number, 1987	(D)	(D)	348	65	15	341	84	41
1982	(D)	(D)	187	44	12	74	96	62
Turkey hens kept for breeding ......farms, 1987	12	4	15	4	2	1	7	2
1982	10	3	5	4	2	7	1	4
number, 1987	(D)	28	73	(D)	(D)	(D)	20	(D)
1982	(D)	7	19	11	(D)	19	(D)	19
Ducks, geese, and other poultry ......farms, 1987	25	25	44	13	11	14	17	21
1982	28	15	43	10	11	27	34	32
SALES								
Any poultry sold ......farms, 1987	93	41	77	18	18	17	20	30
1982	98	39	112	24	19	35	37	36
$1,000, 1987	7 122	2 969	1 186	(D)	8	(D)	(D)	(D)
1982	4 597	3 709	1 172	358	12	67	845	1 404
Hens and pullets sold ......farms, 1987	42	17	14	4	4	5	9	10
1982	59	20	35	8	6	11	13	18
number, 1987	628 458	84 894	257 654	(D)	929	(D)	(D)	(D)
1982	315 270	123 301	250 703	(D)	1 585	2 932	65 101	(D)
Hens and pullets of laying age sold ......farms, 1987	39	16	13	4	4	5	8	10
1982	57	18	34	8	6	11	13	16
number, 1987	(D)	(D)	(D)	(D)	929	(D)	(D)	(D)
1982	(D)	(D)	(D)	(D)	(D)	2 932	(D)	22 291
Pullets not of laying age sold ......farms, 1987	4	2	1	-	-	-	1	-
1982	2	2	1	1	2	-	2	2
number, 1987	(D)	(D)	(D)	-	-	-	(D)	-
1982	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
Broilers and other meat-type chickens sold ......farms, 1987	25	13	22	4	3	2	2	7
1982	20	9	20	7	3	-	1	4
number, 1987	15 115	3 869	4 704	(D)	(D)	(D)	(D)	785
1982	5 391	4 350	3 220	630	(D)	-	(D)	260
1987 farms by number sold:								
1 to 1,999	22	13	22	4	3	2	2	7
2,000 to 59,999	3	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more ......farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold ......farms, 1987	6	7	6	3	-	-	-	2
1982	6	6	4	2	-	-	1	1
number, 1987	(D)	(D)	124	201	-	-	-	(D)
1982	(D)	(D)	174	(D)	-	-	(D)	(D)
Turkeys for slaughter sold ......farms, 1987	4	7	6	3	-	-	-	2
1982	4	6	4	2	-	-	1	1
number, 1987	(D)	(D)	(D)	(D)	-	-	-	(D)
1982	(D)	(D)	174	(D)	-	-	(D)	(D)
Ducks, geese, and other poultry sold ......farms, 1987	17	6	15	4	1	-	-	3
1982	1	3	15	3	1	4	7	4

Table 14. Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY								
Any poultry farms, 1987	119	32	51	31	114	71	35	33
1982	166	42	75	48	164	126	48	57
Chickens 3 months old or older farms, 1987	79	26	36	21	92	60	21	22
1982	127	38	62	43	138	104	38	47
number, 1987	(D)	1 425	(D)	(D)	262 549	4 010	11 141	31 520
1982	(D)	2 337	(D)	(D)	183 439	7 438	30 380	39 566
Hens and pullets of laying age farms, 1987	79	26	36	21	92	60	21	21
1982	125	37	60	43	137	104	38	47
number, 1987	(D)	1 369	(D)	(D)	256 578	(D)	(D)	(D)
1982	156 290	2 032	(D)	(D)	182 430	7 206	(D)	(D)
1987 farms by inventory:								
1 to 99	65	22	22	16	67	49	16	11
100 to 399	10	4	11	2	19	11	2	5
400 to 3,199	-	-	-	-	2	-	1	2
3,200 to 9,999	1	-	-	1	1	-	2	2
10,000 to 19,999	-	-	-	-	-	-	-	1
20,000 to 49,999	1	-	-	-	1	-	-	-
50,000 to 99,999	-	-	2	-	1	-	-	-
100,000 or more farms	1	-	1	-	1	-	-	-
number	(D)	-	(D)	-	(D)	-	-	-
Pullets 3 months old or older not of laying age farms, 1987	12	5	7	5	12	5	2	3
1982	10	4	11	5	11	8	2	2
number, 1987	(D)	66	(D)	225	5 971	(D)	(D)	(D)
1982	(D)	306	(D)	77	1 009	232	(D)	(D)
Pullet chicks and pullets under 3 months old farms, 1987	1	-	2	2	1	2	-	-
1982	3	-	3	-	6	4	2	-
number, 1987	(D)	-	(D)	(D)	(D)	(D)	-	-
1982	(D)	-	(D)	-	(D)	(D)	(D)	-
Broilers and other meat-type chickens farms, 1987	25	5	14	11	29	20	5	6
1982	42	6	13	9	28	25	12	8
number, 1987	3 040	345	1 006	1 250	1 694	1 324	(D)	1 475
1982	4 513	(D)	731	(D)	2 287	2 286	1 953	969
Turkeys farms, 1987	21	2	1	11	10	6	10	4
1982	14	-	7	11	12	17	5	2
number, 1987	167 268	(D)	(D)	125	60	(D)	(D)	(D)
1982	165 907	-	42	136	(D)	(D)	(D)	(D)
Turkey hens kept for breeding farms, 1987	3	1	-	3	5	-	6	1
1982	3	-	2	7	5	3	3	1
number, 1987	(D)	(D)	-	(D)	20	-	(D)	(D)
1982	(D)	-	(D)	59	6	(D)	(D)	(D)
Ducks, geese, and other poultry farms, 1987	14	10	16	7	32	22	16	9
1982	20	4	28	14	21	30	12	14
SALES								
Any poultry sold farms, 1987	77	9	23	17	58	40	18	24
1982	111	18	42	23	99	72	30	41
$1,000, 1987	6 988	9	(D)	(D)	2 725	2 382	1 858	1 349
1982	5 621	278	10 416	167	1 777	2 187	1 010	690
Hens and pullets sold farms, 1987	18	1	8	2	15	9	6	4
1982	31	6	24	7	51	28	14	14
number, 1987	(D)	(D)	560 920	(D)	178 983	682	16 066	25 900
1982	446 338	692	303 852	(D)	129 124	2 340	25 898	29 490
Hens and pullets of laying age sold farms, 1987	18	1	8	1	14	9	6	4
1982	30	6	21	7	51	28	14	14
number, 1987	105 556	(D)	560 920	(D)	(D)	682	16 066	25 900
1982	(D)	692	(D)	(D)	129 124	2 340	25 898	29 490
Pullets not of laying age sold farms, 1987	1	-	-	1	1	-	-	-
1982	3	-	3	-	-	-	-	-
number, 1987	(D)	-	-	(D)	(D)	-	-	-
1982	(D)	-	(D)	-	-	-	-	-
Broilers and other meat-type chickens sold farms, 1987	22	2	3	10	9	5	2	5
1982	33	-	7	4	16	11	6	12
number, 1987	6 311	(D)	(D)	1 511	1 373	374	(D)	1 385
1982	45 825	-	785	266	4 463	(D)	1 620	(D)
1987 farms by number sold:								
1 to 1,999	22	2	3	10	9	5	2	5
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold farms, 1987	25	2	1	2	2	10	5	2
1982	23	2	5	1	2	12	4	5
number, 1987	773 272	(D)	(D)	(D)	(D)	358 321	173 704	(D)
1982	682 179	(D)	(D)	(D)	(D)	284 924	48 750	(D)
Turkeys for slaughter sold farms, 1987	24	2	1	2	2	10	4	2
1982	22	2	3	-	2	12	3	3
number, 1987	(D)	(D)	(D)	(D)	(D)	358 321	(D)	(D)
1982	(D)	(D)	(D)	-	(D)	284 924	(D)	(D)
Ducks, geese, and other poultry sold farms, 1987	2	1	4	1	6	4	2	4
1982	4	-	7	6	6	2	3	8

Table 15. **Selected Crops: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Crop		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Harvested cropland	farms, 1987	92 878	859	587	928	761	721	1 276
	1982	103 644	963	662	1 021	794	820	1 434
	acres, 1987	20 484 178	198 940	115 592	140 120	94 539	172 611	301 315
	1982	24 137 670	217 307	142 514	171 287	98 079	207 627	352 564
Irrigated	farms, 1987	825	3	-	-	1	2	4
	1982	608	1	1	2	1	-	2
	acres, 1987	91 598	(D)	-	-	(D)	(D)	(D)
	1982	91 175	(D)	(D)	(D)	(D)	-	(D)
Corn for grain or seed	farms, 1987	83 301	798	516	842	480	674	1 183
	1982	92 462	900	580	928	499	744	1 328
	acres, 1987	10 147 051	93 246	51 424	61 451	26 382	89 190	144 170
	1982	12 880 050	107 781	62 254	82 443	31 651	112 767	188 670
	bushels, 1987	1 274 388 346	11 527 532	6 143 315	7 918 552	2 636 759	11 444 514	19 409 044
	1982	1 466 953 043	10 350 588	5 496 845	8 829 375	2 645 243	11 646 059	22 099 370
Irrigated	farms, 1987	453	2	-	-	-	2	1
	1982	386	1	-	1	-	-	1
	acres, 1987	62 099	(D)	-	-	-	(D)	(D)
	1982	58 798	(D)	-	(D)	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		11 524	111	74	187	195	80	133
25 to 99 acres		35 088	365	252	472	204	281	505
100 to 249 acres		27 186	247	149	152	65	226	405
250 acres or more		9 503	75	41	31	16	87	140
Corn for silage or green chop	farms, 1987	7 934	31	26	271	40	42	84
	1982	17 412	110	79	475	56	147	202
	acres, 1987	205 176	1 161	1 006	4 537	825	1 060	3 087
	1982	536 645	3 222	3 832	10 674	1 154	7 068	6 122
	tons, green, 1987	3 251 394	17 550	13 709	69 400	13 734	16 645	57 934
	1982	8 290 817	43 401	51 547	162 065	11 634	98 669	102 078
Irrigated	farms, 1987	7	-	-	-	-	-	-
	1982	28	-	-	-	-	-	-
	acres, 1987	110	-	-	-	-	-	-
	1982	2 384	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		5 508	17	10	228	31	28	65
25 to 99 acres		2 112	12	14	38	9	11	13
100 to 249 acres		265	2	2	5	-	3	5
250 acres or more		49	-	-	-	-	-	1
Wheat for grain	farms, 1987	1 345	7	17	2	8	7	17
	1982	2 731	31	61	5	42	13	12
	acres, 1987	31 047	(D)	519	(D)	115	356	302
	1982	98 888	1 161	2 402	92	853	608	550
	bushels, 1987	1 180 380	46 740	11 123	(D)	3 735	17 472	12 534
	1982	2 845 239	36 306	61 312	2 964	23 153	18 236	10 530
Irrigated	farms, 1987	2	-	-	-	-	-	
	1982	13	-	1	-	-	-	
	acres, 1987	(D)	-	-	-	-	-	
	1982	643	-	(D)	-	-	-	
1987 farms by acres harvested:								
1 to 24 acres		998	6	11	2	6	4	1
25 to 99 acres		307	-	4	-	2	-	
100 to 249 acres		33	-	2	-	-	3	
250 acres or more		7	1	-	-	-	-	
Oats for grain	farms, 1987	25 398	318	178	577	92	236	45
	1982	35 752	486	262	662	134	384	61
	acres, 1987	544 907	6 998	4 495	14 044	1 461	5 359	9 0
	1982	611 716	11 545	6 881	14 907	2 134	9 522	13 0
	bushels, 1987	30 918 980	313 087	196 446	808 084	63 161	332 061	547 1
	1982	45 769 302	510 718	250 468	814 921	67 868	526 448	733 5
Irrigated	farms, 1987	16	-	-	-	-	-	
	1982	21	-	-	1	-	-	
	acres, 1987	484	-	-	-	-	-	
	1982	433	-	-	(D)	-	-	
1987 farms by acres harvested:								
1 to 24 acres		18 021	214	102	364	79	162	3
25 to 99 acres		7 125	103	74	203	13	73	1
100 to 249 acres		238	1	2	10	-	1	
250 acres or more		14	-	-	-	-	-	
Soybeans for beans	farms, 1987	68 278	667	451	120	401	607	1
	1982	73 175	724	513	93	462	589	1
	acres, 1987	7 903 395	66 704	42 173	3 726	25 860	65 109	126
	1982	8 044 305	60 861	46 894	3 881	27 523	60 722	125
	bushels, 1987	326 081 351	2 824 823	1 603 229	156 073	914 278	2 752 156	5 712
	1982	291 189 890	1 963 818	1 359 648	127 430	678 723	2 213 337	4 949
Irrigated	farms, 1987	221	-	-	-	-	2	
	1982	179	-	-	-	-	-	
	acres, 1987	20 304	-	-	-	-	(D)	
	1982	21 215	-	-	-	-	-	
1987 farms by acres harvested:								
1 to 24 acres		10 200	113	83	64	141	94	
25 to 99 acres		28 626	337	220	52	184	266	
100 to 249 acres		22 245	166	115	4	57	199	
250 acres or more		7 207	51	33	-	19	48	
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	48 271	614	425	841	647	389	22
	1982	56 372	778	513	933	641	520	22
	acres, 1987	1 968 207	31 464	20 097	61 648	42 156	14 191	69
	1982	2 035 033	37 387	22 222	64 141	37 168	19 933	75
	tons, dry, 1987	5 612 944	90 869	50 601	201 858	88 741	39 511	
	1982	6 201 756	119 769	62 298	202 351	85 191	60 351	
Irrigated	farms, 1987	45	-	-	-	-	-	
	1982	50	-	-	1	-	-	
	acres, 1987	1 216	-	-	-	-	-	
	1982	1 271	-	-	(D)	-	-	
1987 farms by acres harvested:								
1 to 24 acres		22 645	208	139	144	180	196	
25 to 99 acres		21 233	335	240	490	330	168	
100 to 249 acres		4 085	64	45	186	122	23	
250 acres or more		308	7	1	21	15	2	

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Harvested cropland farms, 1987	1 125	936	965	1 198	996	1 115	927
1982	1 210	1 049	1 156	1 273	1 099	1 290	1 082
acres, 1987	223 324	245 517	168 763	236 312	264 594	229 095	263 491
1982	257 275	275 122	201 291	275 747	309 121	273 765	306 918
Irrigated farms, 1987	13	5	5	4	8	2	5
1982	6	4	5	1	2	2	3
acres, 1987	(D)	6	203	(D)	(D)	(D)	537
1982	(D)	5	282	(D)	(D)	(D)	(D)
Corn for grain or seed farms, 1987	996	825	890	1 136	953	1 024	872
1982	1 074	931	1 057	1 193	1 056	1 195	1 008
acres, 1987	120 536	112 738	93 017	139 845	125 356	121 799	111 282
1982	146 916	141 511	116 786	176 718	163 381	154 661	148 119
bushels, 1987	16 646 615	15 534 064	12 379 993	19 024 742	15 860 096	15 823 601	15 303 730
1982	17 815 328	17 333 411	13 654 093	21 468 464	19 128 081	17 987 647	17 999 607
Irrigated farms, 1987	2	1	4	1	3	2	3
1982	2	-	4	-	2	1	1
acres, 1987	(D)	(D)	160	(D)	(D)	(D)	295
1982	(D)	-	254	-	(D)	(D)	(D)
1987 farms by acres harvested:							
1 to 24 acres	174	101	153	181	61	107	74
25 to 99 acres	412	314	436	486	406	473	352
100 to 249 acres	288	288	223	327	383	345	358
250 acres or more	122	122	78	142	103	99	88
Corn for silage or green chop farms, 1987	77	30	152	146	55	84	40
1982	175	82	286	288	157	201	100
acres, 1987	1 383	1 535	2 386	2 062	1 504	1 805	1 705
1982	4 245	2 909	4 965	4 983	6 295	4 575	4 405
tons, green, 1987	24 393	33 569	38 990	35 591	25 466	26 524	25 005
1982	77 955	48 755	81 161	88 229	105 595	65 979	63 666
Irrigated farms, 1987	1	-	-	-	-	-	-
1982	-	-	-	-	-	-	1
acres, 1987	(D)	-	-	-	-	-	-
1982	-	-	-	-	-	-	(D)
1987 farms by acres harvested:							
1 to 24 acres	63	17	123	125	37	67	21
25 to 99 acres	12	9	29	19	15	15	15
100 to 249 acres	2	2	-	2	3	2	4
250 acres or more	-	2	-	-	-	-	-
Wheat for grain farms, 1987	5	11	3	10	3	7	2
1982	7	13	4	7	3	10	1
acres, 1987	134	167	(D)	135	(D)	220	(D)
1982	532	561	122	136	314	262	(D)
bushels, 1987	5 063	7 423	981	6 416	10 260	7 952	(D)
1982	17 513	23 786	3 115	3 910	5 620	5 601	(D)
Irrigated farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
acres, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	2	8	3	9	1	4	1
25 to 99 acres	3	3	-	1	2	2	1
100 to 249 acres	-	-	-	-	-	1	-
250 acres or more	-	-	-	-	-	-	-
Oats for grain farms, 1987	228	148	339	474	169	361	140
1982	347	268	459	513	310	544	283
acres, 1987	4 596	3 031	6 102	8 399	3 160	6 881	2 913
1982	6 943	5 416	8 468	9 957	6 062	11 090	6 385
bushels, 1987	243 747	186 754	355 158	475 365	188 471	392 072	167 384
1982	363 395	333 105	402 525	469 424	437 499	600 642	467 266
Irrigated farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	1	-
acres, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	(D)	-
1987 farms by acres harvested:							
1 to 24 acres	162	116	258	380	131	280	102
25 to 99 acres	64	27	81	93	35	77	37
100 to 249 acres	2	5	-	1	3	4	1
250 acres or more	-	-	-	-	-	-	-
Soybeans for beans farms, 1987	867	795	692	870	924	926	853
1982	903	869	801	831	975	1 008	982
acres, 1987	88 213	122 615	52 660	71 922	130 258	86 141	144 293
1982	89 027	117 640	54 571	70 965	128 265	87 484	142 903
bushels, 1987	4 010 768	5 406 176	2 283 773	3 242 621	5 335 671	3 689 973	6 418 023
1982	3 342 554	4 613 391	1 903 151	2 536 562	4 754 154	3 074 173	5 444 739
Irrigated farms, 1987	1	-	1	-	3	2	4
1982	-	-	2	-	1	1	1
acres, 1987	(D)	-	(D)	-	67	(D)	242
1982	-	-	(D)	-	(D)	(D)	(D)
1987 farms by acres harvested:							
1 to 24 acres	161	83	150	220	55	100	46
25 to 99 acres	380	274	360	376	332	503	258
100 to 249 acres	252	295	157	233	422	276	363
250 acres or more	74	143	25	41	115	47	186
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987	436	341	541	582	255	551	253
1982	493	439	646	646	349	684	340
acres, 1987	11 407	8 786	19 025	17 151	6 408	15 805	5 766
1982	12 361	8 951	19 768	16 589	7 109	17 484	7 400
tons, dry, 1987	35 873	22 894	63 101	49 252	18 989	48 111	14 940
1982	40 072	27 298	65 091	47 710	24 186	55 864	22 680
Irrigated farms, 1987	2	-	-	-	-	-	-
1982	-	-	-	-	-	-	2
acres, 1987	(D)	-	-	-	-	-	-
1982	-	-	-	-	-	-	(D)
1987 farms by acres harvested:							
1 to 24 acres	285	234	277	339	177	324	182
25 to 99 acres	134	94	228	222	65	210	61
100 to 249 acres	16	12	36	21	13	17	10
250 acres or more	1	1	-	-	-	-	-

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw
Harvested cropland	farms, 1987	1 164	834	1 012	847	979	953
	1982	1 248	964	1 172	945	1 095	1 051
	acres, 1987	270 392	213 323	230 061	233 423	230 141	187 589
	1982	300 937	246 427	281 855	261 033	262 179	232 837
Irrigated	farms, 1987	3	1	3	8	4	11
	1982	2	1	2	9	1	7
	acres, 1987	(D)	(D)	(D)	352	68	1 146
	1982	(D)	(D)	(D)	895	(D)	1 510
Corn for grain or seed	farms, 1987	1 105	783	953	757	928	889
	1982	1 159	870	1 113	847	1 018	958
	acres, 1987	132 252	106 962	138 757	123 526	111 626	99 779
	1982	152 727	129 355	182 257	156 200	137 628	130 415
	bushels, 1987	17 304 749	13 504 527	18 395 191	15 908 537	13 914 353	12 785 975
	1982	16 712 864	13 117 123	25 190 085	19 103 648	16 198 419	13 451 087
Irrigated	farms, 1987	2	-	-	2	-	8
	1982	1	-	-	2	1	6
	acres, 1987	(D)	-	-	(D)	-	775
	1982	(D)	-	-	(D)	(D)	1 410
1987 farms by acres harvested:							
1 to 24 acres		74	71	71	65	83	141
25 to 99 acres		523	332	358	252	384	391
100 to 249 acres		407	259	378	294	369	245
250 acres or more		101	121	146	146	92	92
Corn for silage or green chop	farms, 1987	80	46	86	40	114	169
	1982	278	146	147	107	301	289
	acres, 1987	3 467	1 264	2 016	1 197	2 836	3 806
	1982	18 170	5 466	3 696	2 974	11 213	8 678
	tons, green, 1987	50 939	20 277	30 614	18 619	41 821	54 944
	1982	262 351	61 452	65 564	50 341	172 382	115 850
Irrigated	farms, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
	acres, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres		48	28	61	26	80	113
25 to 99 acres		25	16	22	11	33	52
100 to 249 acres		4	2	3	3	-	4
250 acres or more		3	-	-	-	1	-
Wheat for grain	farms, 1987	3	22	9	3	2	7
	1982	7	52	15	4	4	6
	acres, 1987	447	505	297	(D)	(D)	215
	1982	161	2 380	296	87	152	82
	bushels, 1987	24 364	17 436	8 695	450	(D)	8 450
	1982	4 183	82 352	12 987	1 660	2 984	2 556
Irrigated	farms, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
	acres, 1987	-	-	-	-	-	-
	1982	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres		-	18	6	2	2	4
25 to 99 acres		1	3	2	1	-	2
100 to 249 acres		1	1	1	-	-	1
250 acres or more		1	-	-	-	-	-
Oats for grain	farms, 1987	375	185	324	186	219	381
	1982	518	341	423	265	383	441
	acres, 1987	8 249	3 618	5 739	3 600	4 098	7 470
	1982	11 912	7 667	8 116	5 644	8 084	8 945
	bushels, 1987	493 853	151 785	361 586	200 255	262 749	450 070
	1982	796 252	337 778	402 968	340 832	636 600	402 283
Irrigated	farms, 1987	-	-	-	-	-	-
	1982	-	-	1	-	-	1
	acres, 1987	-	-	-	-	-	-
	1982	-	-	(D)	-	-	(D)
1987 farms by acres harvested:							
1 to 24 acres		278	139	259	114	170	281
25 to 99 acres		92	44	64	49	48	98
100 to 249 acres		4	2	1	3	1	2
250 acres or more		1	-	-	-	-	-
Soybeans for beans	farms, 1987	1 037	724	772	683	860	691
	1982	1 058	768	727	762	931	751
	acres, 1987	115 659	84 078	71 248	98 942	100 873	59 084
	1982	105 362	79 903	65 194	108 511	94 917	66 066
	bushels, 1987	4 939 436	3 361 709	3 170 044	4 077 185	4 298 210	2 461 583
	1982	3 917 008	2 675 778	2 766 003	3 849 075	3 865 347	2 089 898
Irrigated	farms, 1987	1	-	-	3	1	2
	1982	-	-	-	4	-	1
	acres, 1987	(D)	-	-	(D)	(D)	(D)
	1982	-	-	-	422	-	(D)
1987 farms by acres harvested:							
1 to 24 acres		82	105	119	81	65	147
25 to 99 acres		478	309	388	221	353	343
100 to 249 acres		403	233	229	273	376	162
250 acres or more		74	77	36	108	66	39
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	506	491	508	270	427	542
	1982	574	613	560	288	516	615
	acres, 1987	15 229	21 367	16 257	7 141	13 799	21 142
	1982	15 843	24 070	14 782	5 898	13 009	20 205
	tons, dry, 1987	44 465	60 394	46 853	21 514	40 137	65 690
	1982	54 734	72 478	48 145	17 352	44 265	60 875
Irrigated	farms, 1987	-	-	1	-	1	2
	1982	-	1	1	-	-	1
	acres, 1987	-	-	(D)	-	(D)	(D)
	1982	-	(D)	(D)	-	-	(D)
1987 farms by acres harvested:							
1 to 24 acres		266	200	278	183	245	249
25 to 99 acres		197	241	210	73	163	248
100 to 249 acres		22	48	19	14	18	44
250 acres or more		1	2	1	-	1	1

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Harvested cropland .... farms, 1987	795	1 508	1 256	1 128	947	795	581
1982	957	1 563	1 384	1 349	1 079	847	667
acres, 1987	229 226	240 158	258 502	264 386	223 550	107 597	97 184
1982	289 853	264 630	321 273	311 178	272 553	136 324	131 493
Irrigated .... farms, 1987	4	1	9	-	11	2	1
1982	6	2	3	1	3	-	1
acres, 1987	278	(D)	86	-	133	(D)	(D)
1982	543	(D)	6	(D)	(D)	-	(D)
Corn for grain or seed .... farms, 1987	750	1 383	1 183	1 050	776	569	402
1982	862	1 428	1 329	1 236	866	650	448
acres, 1987	103 766	130 350	165 946	132 197	108 578	40 121	33 659
1982	146 191	158 460	225 437	162 571	145 678	56 371	47 354
bushels, 1987	13 480 814	17 251 649	17 740 345	15 865 611	14 777 623	3 532 975	3 456 175
1982	16 086 229	18 436 475	27 944 257	16 789 928	17 589 876	5 211 412	3 942 426
Irrigated .... farms, 1987	2	-	-	-	1	1	-
1982	4	-	-	-	-	-	1
acres, 1987	(D)	-	-	-	(D)	(D)	-
1982	41[illegible]	-	-	-	-	-	(D)
1987 farms by acres harvested:							
1 to 24 acres	63	243	125	105	148	202	133
25 to 99 acres	290	720	459	430	290	253	171
100 to 249 acres	292	329	423	404	221	85	73
250 acres or more	105	91	176	111	117	29	25
Corn for silage or green chop .... farms, 1987	49	231	146	55	33	82	38
1982	157	506	285	198	90	90	82
acres, 1987	2 576	3 267	4 502	1 970	1 620	1 331	1 363
1982	7 132	9 738	8 513	6 509	3 332	2 309	3 672
tons, green, 1987	46 944	54 214	66 587	35 786	36 336	18 061	16 867
1982	115 421	145 654	148 864	94 397	52 240	28 481	40 105
Irrigated .... farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
acres, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	29	211	79	29	13	63	21
25 to 99 acres	16	18	63	23	17	19	14
100 to 249 acres	2	1	6	1	2	-	3
250 acres or more	2	1	-	2	1	-	-
Wheat for grain .... farms, 1987	-	11	31	9	8	31	15
1982	2	3	14	28	10	83	44
acres, 1987	-	143	510	120	322	589	304
1982	(D)	(D)	247	895	372	2 129	2 178
bushels, 1987	-	6 840	26 072	4 853	19 349	17 300	8 160
1982	(D)	(D)	9 067	30 022	15 057	53 316	58 208
Irrigated .... farms, 1987	-	-	-	-	-	-	-
1982	-	1	-	-	-	-	1
acres, 1987	-	-	-	-	-	-	-
1982	-	(D)	-	-	-	-	(D)
1987 farms by acres harvested:							
1 to 24 acres	-	10	26	8	3	21	11
25 to 99 acres	-	1	5	1	5	10	4
100 to 249 acres	-	-	-	-	-	-	-
250 acres or more	-	-	-	-	-	-	-
Oats for grain .... farms, 1987	111	932	447	459	124	171	55
1982	253	979	509	718	186	237	93
acres, 1987	2 587	22 492	7 919	11 605	2 441	2 702	1 180
1982	6 111	23 130	9 984	21 572	3 172	4 029	1 909
bushels, 1987	145 093	1 453 302	467 898	522 245	138 165	105 283	36 181
1982	405 917	1 190 512	576 764	1 421 057	198 263	121 172	48 469
Irrigated .... farms, 1987	-	-	2	-	-	-	-
1982	-	-	-	-	-	-	-
acres, 1987	-	-	(D)	-	-	-	-
1982	-	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	75	562	356	289	98	141	38
25 to 99 acres	33	365	86	165	23	30	16
100 to 249 acres	3	4	3	4	3	-	1
250 acres or more	-	1	-	1	-	-	-
Soybeans for beans .... farms, 1987	725	170	790	946	713	424	349
1982	841	103	735	1 085	821	481	409
acres, 1987	114 582	10 851	63 428	98 070	103 628	31 948	31 224
1982	122 931	4 774	61 018	95 097	110 491	39 280	38 795
bushels, 1987	4 687 610	470 117	2 843 390	3 728 789	4 548 961	1 021 541	1 110 698
1982	4 282 755	159 641	2 544 219	3 581 513	4 360 271	1 069 729	1 110 730
Irrigated .... farms, 1987	1	-	-	-	-	-	-
1982	1	-	-	-	-	-	-
acres, 1987	(D)	-	-	-	-	-	-
1982	(D)	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	46	58	181	131	116	148	77
25 to 99 acres	236	81	386	444	246	179	168
100 to 249 acres	299	24	189	299	225	77	80
250 acres or more	144	7	32	72	126	20	24
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .... farms, 1987	241	1 272	638	676	374	657	468
1982	374	1 365	659	844	480	703	572
acres, 1987	8 003	83 341	21 588	23 903	9 641	33 142	32 832
1982	10 165	77 428	19 983	27 523	11 364	35 614	39 380
tons, dry, 1987	24 283	280 637	66 184	72 404	25 982	65 049	68 292
1982	31 498	256 360	66 594	91 697	37 125	86 323	97 645
Irrigated .... farms, 1987	-	-	2	-	-	1	-
1982	1	1	-	-	1	-	-
acres, 1987	-	-	(D)	-	-	(D)	-
1982	(D)	(D)	-	-	(D)	-	-
1987 farms by acres harvested:							
1 to 24 acres	153	304	337	322	230	227	127
25 to 99 acres	64	711	268	316	136	335	234
100 to 249 acres	23	239	33	34	8	89	92
250 acres or more	1	18	-	4	-	6	15

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd
Harvested cropland	farms, 1987	1 315	688	534	1 469	553	1 353	888
	1982	1 368	719	598	1 549	665	1 493	1 001
	acres, 1987	242 896	133 157	151 322	206 360	165 963	279 159	215 365
	1982	275 074	160 882	186 783	223 575	207 784	330 393	253 591
Irrigated	farms, 1987	2	7	4	5	6	7	7
	1982	-	4	4	2	4	3	6
	acres, 1987	(D)	(D)	(D)	18	311	425	(D)
	1982	-	311	(D)	(D)	(D)	42	868
Corn for grain or seed	farms, 1987	1 247	596	474	1 367	523	1 271	811
	1982	1 303	634	550	1 440	617	1 376	894
	acres, 1987	152 360	70 934	67 152	103 204	76 262	152 228	108 155
	1982	184 224	95 773	91 610	122 836	107 116	189 247	132 029
	bushels, 1987	20 436 465	7 752 886	8 660 549	13 034 171	10 513 999	20 745 603	13 898 599
	1982	22 956 796	12 103 320	10 272 578	14 830 558	12 916 167	20 846 810	15 091 739
Irrigated	farms, 1987	-	1	1	-	5	4	6
	1982	-	2	1	-	3	2	6
	acres, 1987	-	(D)	(D)	-	216	(D)	605
	1982	-	(D)	(D)	-	(D)	(D)	(D)
1987 farms by acres harvested:								
1 to 24 acres		112	108	39	239	31	174	107
25 to 99 acres		586	263	173	811	182	585	312
100 to 249 acres		417	161	197	275	235	371	281
250 acres or more		132	64	65	42	75	141	111
Corn for silage or green chop	farms, 1987	286	60	54	368	20	255	77
	1982	524	80	127	598	87	492	159
	acres, 1987	5 110	1 603	2 113	6 884	929	4 854	1 574
	1982	10 658	2 279	6 422	12 434	3 189	12 749	4 534
	tons, green, 1987	80 840	29 552	32 259	99 984	15 335	81 841	29 977
	1982	173 581	41 725	98 244	194 971	50 081	196 233	68 133
Irrigated	farms, 1987	-	-	-	1	-	-	-
	1982	-	1	-	1	-	-	1
	acres, 1987	-	-	-	(D)	-	-	-
	1982	-	(D)	-	(D)	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		229	38	27	292	9	191	58
25 to 99 acres		54	20	22	69	9	62	18
100 to 249 acres		3	2	4	7	2	2	1
250 acres or more		-	-	1	-	-	-	-
Wheat for grain	farms, 1987	21	42	5	11	1	12	5
	1982	5	84	1	11	1	16	7
	acres, 1987	275	690	166	104	(D)	213	34
	1982	158	3 057	(D)	230	(D)	326	179
	bushels, 1987	10 215	35 118	6 521	4 735	(D)	7 220	1 120
	1982	6 644	98 275	(D)	8 391	(D)	9 976	8 039
Irrigated	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	acres, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		19	38	3	10	-	10	5
25 to 99 acres		2	4	2	1	-	2	-
100 to 249 acres		-	-	-	-	1	-	-
250 acres or more		-	-	-	-	-	-	-
Oats for grain	farms, 1987	767	72	96	973	54	662	211
	1982	825	103	162	1 065	94	807	328
	acres, 1987	17 382	1 072	2 212	22 459	1 074	14 940	4 573
	1982	19 199	1 400	3 644	24 858	1 646	18 081	7 403
	bushels, 1987	1 083 467	50 331	130 921	1 449 245	65 923	967 020	278 941
	1982	960 503	62 314	268 587	1 152 458	119 231	943 149	363 225
Irrigated	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	1
	acres, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		509	60	65	601	36	447	143
25 to 99 acres		252	12	30	368	15	209	65
100 to 249 acres		6	-	1	4	1	6	3
250 acres or more		-	-	-	-	-	-	-
Soybeans for beans	farms, 1987	473	521	463	101	502	772	739
	1982	342	524	511	49	593	774	829
	acres, 1987	26 262	50 976	74 062	4 133	84 899	67 824	93 208
	1982	23 126	50 035	79 497	2 576	93 139	69 751	100 532
	bushels, 1987	1 209 472	1 927 508	2 903 116	190 367	3 648 321	3 026 716	3 800 357
	1982	859 791	1 979 636	2 722 856	95 904	3 402 627	2 378 462	3 333 829
Irrigated	farms, 1987	-	-	-	-	2	1	4
	1982	-	1	-	-	1	-	1
	acres, 1987	-	-	-	-	(D)	(D)	158
	1982	-	(D)	-	-	(D)	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		141	115	39	45	28	145	97
25 to 99 acres		260	234	131	48	127	392	293
100 to 249 acres		69	131	205	6	250	187	254
250 acres or more		3	41	88	2	97	48	95
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	955	325	192	1 267	152	870	358
	1982	993	312	224	1 318	190	1 012	436
	acres, 1987	48 626	10 277	7 714	78 518	4 169	44 262	10 394
	1982	43 421	8 976	7 137	67 323	4 256	44 646	10 686
	tons, dry, 1987	162 552	25 293	25 840	262 491	12 388	153 556	27 345
	1982	144 535	27 017	23 321	225 753	13 231	150 537	32 818
Irrigated	farms, 1987	1	-	-	-	-	-	-
	1982	-	-	-	-	1	1	2
	acres, 1987	(D)	-	-	-	-	-	-
	1982	-	-	-	-	(D)	(D)	(D)
1987 farms by acres harvested:								
1 to 24 acres		275	193	108	296	98	281	213
25 to 99 acres		578	113	65	731	46	476	129
100 to 249 acres		96	15	17	229	8	107	16
250 acres or more		6	4	2	11	-	6	-

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Harvested cropland farms, 1987	636	850	929	830	935	975	944	925
1982	706	956	1 012	984	1 059	1 103	1 071	1 093
acres, 1987	203 010	258 005	243 481	176 254	262 514	259 372	243 [illegible]36	253 868
1982	221 709	298 927	280 478	212 433	312 961	309 887	295 747	298 908
Irrigated farms, 1987	11	8	-	4	2	8	9	78
1982	8	4	1	2	-	6	2	69
acres, 1987	1 265	(D)	-	(D)	(D)	586	(D)	15 933
1982	(D)	501	(D)	(D)	-	772	(D)	(D)
Corn for grain or seed farms, 1987	567	789	866	737	883	940	872	835
1982	605	882	964	841	990	1 050	983	956
acres, 1987	87 155	112 576	128 793	82 343	126 152	128 403	128 885	124 451
1982	97 807	148 325	160 873	107 907	165 886	166 870	167 179	148 222
bushels, 1987	9 823 386	16 013 687	18 051 570	10 291 912	17 603 314	17 048 320	17 937 064	16 261 726
1982	8 725 670	17 624 475	19 887 197	11 360 563	20 614 069	20 170 740	21 145 166	15 315 138
Irrigated farms, 1987	9	4	-	2	1	5	1	70
1982	7	3	-	1	-	4	1	63
acres, 1987	1 148	377	-	(D)	(D)	450	(D)	9 998
1982	773	445	-	(D)	-	480	(D)	11 122
1987 farms by acres harvested:								
1 to 24 acres	54	69	79	124	65	63	60	82
25 to 99 acres	214	270	375	327	353	370	327	288
100 to 249 acres	206	337	306	205	344	381	343	330
250 acres or more	94	113	126	81	121	126	142	135
Corn for silage or green chop farms, 1987	15	17	37	28	12	67	46	48
1982	39	87	89	110	43	174	125	140
acres, 1987	413	1 109	1 364	934	946	1 310	1 016	1 168
1982	1 439	4 476	3 284	2 994	2 067	4 926	5 183	4 078
tons, green, 1987	6 350	19 867	28 161	17 204	17 090	24 192	16 456	18 150
1982	21 306	75 809	63 690	49 606	35 062	89 520	84 961	58 988
Irrigated farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	1	-	-	-	3
acres, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	(D)	-	-	-	80
1987 farms by acres harvested:								
1 to 24 acres	10	4	25	15	3	50	26	31
25 to 99 acres	4	11	6	10	5	16	20	15
100 to 249 acres	1	1	3	3	3	1	-	2
250 acres or more	-	1	1	-	1	-	-	-
Wheat for grain farms, 1987	19	5	5	6	3	1	-	32
1982	61	5	2	11	2	3	2	147
acres, 1987	577	139	68	124	(D)	(D)	-	1 101
1982	3 958	612	(D)	409	(D)	50	(D)	6 220
bushels, 1987	22 367	4 180	3 465	3 290	8 620	(D)	-	37 407
1982	68 546	20 950	(D)	14 590	(D)	2 023	(D)	207 700
Irrigated farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	1
acres, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres	13	2	5	4	2	1	-	19
25 to 99 acres	5	3	-	2	-	-	-	11
100 to 249 acres	1	-	-	-	1	-	-	2
250 acres or more	-	-	-	-	-	-	-	-
Oats for grain farms, 1987	20	128	169	229	95	198	141	146
1982	62	195	278	380	187	341	260	273
acres, 1987	437	2 336	2 666	5 183	1 483	3 471	2 681	3 325
1982	1 509	4 087	6 066	8 999	2 886	6 111	5 403	7 645
bushels, 1987	21 686	144 126	160 529	249 610	97 869	226 932	164 514	171 519
1982	72 579	269 988	352 447	463 145	160 069	365 293	328 755	497 862
Irrigated farms, 1987	-	-	-	-	-	1	-	-
1982	-	-	-	1	-	-	-	-
acres, 1987	-	-	-	-	-	(D)	-	-
1982	-	-	-	(D)	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	12	107	144	169	82	157	112	96
25 to 99 acres	8	20	25	55	13	39	29	47
100 to 249 acres	-	-	-	4	-	2	-	3
250 acres or more	-	1	-	1	-	-	-	-
Soybeans for beans farms, 1987	577	781	828	643	841	872	819	783
1982	627	862	858	713	942	969	874	902
acres, 1987	107 022	139 225	103 749	72 201	133 655	120 801	105 352	113 656
1982	109 574	135 875	102 338	68 067	140 524	125 373	111 782	119 347
bushels, 1987	3 991 260	6 162 505	5 036 510	2 943 678	5 584 073	4 940 656	4 775 850	4 448 314
1982	3 536 275	5 325 461	4 198 442	2 484 422	5 166 533	4 600 447	4 235 612	4 282 323
Irrigated farms, 1987	2	3	-	2	1	4	-	38
1982	2	1	-	-	-	2	-	30
acres, 1987	(D)	162	-	(D)	(D)	123	-	5 260
1982	(D)	(D)	-	-	-	(D)	-	4 006
1987 farms by acres harvested:								
1 to 24 acres	47	50	77	103	56	57	66	85
25 to 99 acres	184	232	355	289	283	320	327	291
100 to 249 acres	200	317	311	182	355	363	337	274
250 acres or more	146	182	85	69	147	132	89	133
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987	246	263	349	467	175	269	334	399
1982	326	379	388	622	256	371	386	594
acres, 1987	7 103	6 434	10 752	18 363	3 209	8 021	8 244	10 308
1982	7 805	7 346	9 219	26 124	3 822	8 526	8 710	14 426
tons, dry, 1987	19 829	18 712	39 468	47 514	7 655	24 100	24 095	33 457
1982	21 330	24 019	33 161	79 084	10 485	28 378	27 460	43 944
Irrigated farms, 1987	-	1	-	-	-	1	2	2
1982	-	-	-	-	-	-	1	6
acres, 1987	-	(D)	-	-	-	(D)	(D)	(D)
1982	-	-	-	-	-	-	(D)	83
1987 farms by acres harvested:								
1 to 24 acres	152	185	220	215	141	165	217	255
25 to 99 acres	82	66	117	208	29	90	110	133
100 to 249 acres	12	12	11	43	5	14	7	11
250 acres or more	-	-	1	1	-	-	-	-

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper
Harvested cropland	farms, 1987	771	856	706	687	947	1 160	1 240
	1982	867	959	793	772	1 036	1 238	1 403
	acres, 1987	138 792	178 288	214 069	176 524	203 549	164 703	276 515
	1982	170 664	217 734	244 570	201 665	236 744	193 184	324 626
Irrigated	farms, 1987	2	2	3	-	2	6	9
	1982	5	2	2	1	-	2	6
	acres, 1987	(D)	(D)	261	-	(D)	30	(D)
	1982	45	(D)	(D)	(D)	-	(D)	(D)
Corn for grain or seed	farms, 1987	670	790	679	651	863	1 032	1 104
	1982	765	879	749	725	950	1 130	1 245
	acres, 1987	76 628	86 835	96 411	92 054	118 279	86 001	140 825
	1982	104 574	109 104	124 196	111 236	153 884	116 534	177 296
	bushels, 1987	7 780 010	10 706 944	13 484 942	11 032 148	14 285 398	9 565 228	18 812 791
	1982	12 564 266	10 854 823	15 813 697	12 662 001	17 707 102	13 723 345	21 054 371
Irrigated	farms, 1987	-	1	3	-	-	-	5
	1982	-	2	1	1	-	1	2
	acres, 1987	-	(D)	261	-	-	-	(D)
	1982	-	(D)	(D)	(D)	-	(D)	(D)
1987 farms by acres harvested:								
1 to 24 acres		124	108	45	41	106	222	152
25 to 99 acres		262	392	249	269	395	505	420
100 to 249 acres		211	214	294	247	249	245	388
250 acres or more		73	76	91	94	113	60	144
Corn for silage or green chop	farms, 1987	41	162	40	39	76	194	57
	1982	72	307	70	166	149	294	184
	acres, 1987	1 525	3 238	2 202	1 202	2 018	4 378	1 941
	1982	1 771	7 020	3 360	6 594	3 836	6 262	5 671
	tons, green, 1987	28 369	49 211	43 395	14 755	30 584	65 563	37 067
	1982	31 461	100 450	64 883	86 198	66 990	103 792	92 389
Irrigated	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	acres, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		26	127	22	20	51	137	29
25 to 99 acres		12	29	13	17	20	51	25
100 to 249 acres		2	6	3	2	4	6	2
250 acres or more		1	-	2	-	1	-	1
Wheat for grain	farms, 1987	22	6	2	8	12	40	5
	1982	60	8	4	3	16	17	9
	acres, 1987	301	122	(D)	79	111	542	65
	1982	1 261	(D)	(D)	22	413	427	189
	bushels, 1987	13 151	3 112	(D)	3 240	6 413	23 455	2 667
	1982	37 241	13 610	(D)	680	15 035	19 155	7 308
Irrigated	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	acres, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		20	4	1	8	12	36	4
25 to 99 acres		2	2	1	-	-	4	1
100 to 249 acres		-	-	-	-	-	-	-
250 acres or more		-	-	-	-	-	-	-
Oats for grain	farms, 1987	127	378	106	200	393	642	389
	1982	184	487	141	324	459	712	579
	acres, 1987	1 925	9 270	2 107	4 566	9 024	14 445	8 616
	1982	2 927	12 003	2 805	9 411	10 738	15 659	13 049
	bushels, 1987	90 324	505 665	123 290	222 262	457 953	847 486	477 835
	1982	123 279	584 675	194 297	685 981	506 915	738 155	737 591
Irrigated	farms, 1987	-	-	-	-	-	1	1
	1982	1	-	1	-	-	1	-
	acres, 1987	-	-	-	-	-	(D)	(D)
	1982	(D)	-	(D)	-	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres		108	241	81	140	267	417	266
25 to 99 acres		19	133	25	56	122	218	121
100 to 249 acres		-	3	-	4	3	7	2
250 acres or more		-	1	-	-	1	-	-
Soybeans for beans	farms, 1987	571	618	651	605	670	250	965
	1982	584	676	737	668	620	165	1 078
	acres, 1987	49 029	63 110	111 004	69 740	48 725	9 467	102 143
	1982	50 970	68 818	110 578	63 284	42 773	8 978	100 764
	bushels, 1987	1 625 532	2 485 619	4 940 795	2 642 609	2 119 747	384 426	4 539 434
	1982	1 978 114	2 012 431	4 294 879	2 433 934	1 535 573	332 713	3 854 115
Irrigated	farms, 1987	-	1	-	-	1	-	1
	1982	1	-	1	-	-	-	1
	acres, 1987	-	(D)	-	-	(D)	-	(D)
	1982	(D)	-	(D)	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		129	107	25	56	162	126	154
25 to 99 acres		277	305	203	254	354	107	421
100 to 249 acres		126	147	295	243	136	14	312
250 acres or more		39	59	128	52	16	3	78
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	379	489	166	339	637	973	751
	1982	411	600	203	422	704	1 005	917
	acres, 1987	11 848	19 656	3 877	11 288	29 335	55 526	27 194
	1982	10 965	23 563	3 850	12 702	29 582	50 447	31 734
	tons, dry, 1987	23 015	60 096	10 916	37 312	84 406	168 340	78 317
	1982	28 555	76 407	13 678	44 897	90 079	162 197	102 730
Irrigated	farms, 1987	-	-	-	-	-	1	2
	1982	1	-	-	-	-	-	1
	acres, 1987	-	-	-	-	-	(D)	(D)
	1982	(D)	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		209	203	118	177	228	276	360
25 to 99 acres		145	246	44	145	360	522	345
100 to 249 acres		25	39	3	15	46	163	45
250 acres or more		-	1	1	2	3	12	1

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Harvested cropland	farms, 1987	1 178	1 023	892	1 601	882	1 502	571	568
	1982	1 329	1 176	1 065	1 760	939	1 614	630	656
	acres, 1987	196 971	194 962	196 455	459 047	149 934	242 679	130 605	77 713
	1982	237 902	233 147	229 909	537 539	167 500	286 197	154 845	94 617
Irrigated	farms, 1987	17	1	-	7	14	18	17	1
	1982	3	1	1	5	4	12	14	-
	acres, 1987	152	(D)	-	450	(D)	(D)	(D)	(D)
	1982	5	(D)	(D)	590	(D)	(D)	(D)	-
Corn for grain or seed	farms, 1987	1 020	941	828	1 556	707	1 260	537	400
	1982	1 160	1 062	955	1 691	762	1 375	586	456
	acres, 1987	106 975	115 254	109 327	212 709	67 467	124 735	72 324	28 860
	1982	145 747	152 719	138 528	273 362	84 397	157 295	94 241	38 653
	bushels, 1987	11 784 646	13 718 597	13 610 959	30 307 429	6 070 069	15 227 689	7 168 636	2 906 261
	1982	17 586 784	19 351 320	16 229 762	34 868 272	9 765 050	19 259 510	11 895 481	2 941 910
Irrigated	farms, 1987	1	-	-	5	4	-	14	-
	1982	-	1	-	5	-	2	6	-
	acres, 1987	(D)	-	-	390	176	-	1 765	-
	1982	-	(D)	-	590	-	(D)	1 277	-
1987 farms by acres harvested:									
1 to 24 acres		191	135	113	81	177	295	83	124
25 to 99 acres		441	396	326	645	311	571	186	186
100 to 249 acres		285	295	274	632	154	275	195	71
250 acres or more		103	115	115	198	65	119	71	17
Corn for silage or green chop	farms, 1987	152	157	43	103	113	126	33	28
	1982	181	284	69	221	117	225	50	58
	acres, 1987	2 702	4 167	939	2 602	2 483	2 814	656	785
	1982	4 078	6 944	1 876	6 363	2 550	5 459	1 253	1 626
	tons, green, 1987	39 665	67 481	16 749	59 069	33 845	46 959	7 329	9 682
	1982	67 006	117 135	32 163	110 761	46 345	86 600	24 145	20 834
Irrigated	farms, 1987	-	-	-	-	1	-	-	-
	1982	-	-	-	-	-	1	-	-
	acres, 1987	-	-	-	-	(D)	-	-	-
	1982	-	-	-	-	-	(D)	-	-
1987 farms by acres harvested:									
1 to 24 acres		127	108	34	69	78	92	28	16
25 to 99 acres		23	41	7	30	34	29	3	10
100 to 249 acres		2	6	2	4	1	4	2	2
250 acres or more		-	2	-	-	-	1	-	-
Wheat for grain	farms, 1987	18	13	29	4	119	26	24	2
	1982	26	13	48	6	243	18	31	11
	acres, 1987	369	196	616	54	1 607	366	713	(D)
	1982	694	992	1 056	193	5 578	688	1 184	673
	bushels, 1987	17 322	5 020	25 108	2 260	69 203	12 916	28 483	(D)
	1982	26 907	23 768	36 927	3 490	142 196	24 470	38 956	13 750
Irrigated	farms, 1987	-	-	-	-	-	-	2	-
	1982	-	-	-	-	-	-	2	-
	acres, 1987	-	-	-	-	-	-	(D)	-
	1982	-	-	-	-	-	-	(D)	-
1987 farms by acres harvested:									
1 to 24 acres		11	12	23	4	103	24	11	-
25 to 99 acres		7	1	5	-	14	4	11	1
100 to 249 acres		-	-	1	-	2	-	2	-
250 acres or more		-	-	-	-	-	-	-	1
Oats for grain	farms, 1987	465	428	224	267	107	489	83	89
	1982	525	517	304	424	131	559	115	133
	acres, 1987	10 945	9 551	4 261	4 886	1 712	9 449	1 120	1 837
	1982	11 437	11 425	6 244	6 916	1 897	11 367	2 208	2 782
	bushels, 1987	570 480	549 614	200 473	297 649	64 373	512 429	54 386	71 585
	1982	554 889	544 213	261 493	478 535	74 623	501 386	101 602	94 297
Irrigated	farms, 1987	1	-	-	-	-	1	-	1
	1982	-	-	-	-	-	-	1	-
	acres, 1987	(D)	-	-	-	-	(D)	-	(D)
	1982	-	-	-	-	-	-	(D)	-
1987 farms by acres harvested:									
1 to 24 acres		322	298	168	229	88	368	76	61
25 to 99 acres		132	124	55	35	18	118	7	28
100 to 249 acres		11	6	1	2	1	3	-	-
250 acres or more		-	-	-	1	-	-	-	-
Soybeans for beans	farms, 1987	705	527	709	1 489	848	946	451	298
	1982	696	508	718	1 605	706	1 030	462	364
	acres, 1987	54 295	40 219	64 470	233 034	60 580	81 631	50 482	19 978
	1982	52 853	37 353	62 613	242 744	60 020	93 015	51 568	23 885
	bushels, 1987	2 117 402	1 763 211	2 684 142	10 015 719	1 831 319	3 458 797	1 772 175	715 510
	1982	1 990 386	1 519 228	2 367 841	9 108 277	2 247 209	3 545 750	1 986 002	651 139
Irrigated	farms, 1987	1	1	-	1	2	-	8	-
	1982	-	-	-	-	-	1	10	-
	acres, 1987	(D)	(D)	-	(D)	(D)	-	787	-
	1982	-	-	-	-	-	(D)	1 170	-
1987 farms by acres harvested:									
1 to 24 acres		196	122	149	65	139	230	63	111
25 to 99 acres		330	274	318	509	286	435	191	120
100 to 249 acres		146	110	201	676	172	214	153	56
250 acres or more		33	21	41	237	51	67	44	11
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	726	653	503	414	546	861	236	457
	1982	829	714	647	523	548	830	249	545
	acres, 1987	27 387	30 056	22 121	10 445	18 627	26 646	7 023	27 877
	1982	26 493	27 093	23 152	10 791	16 460	21 809	6 126	28 711
	tons, dry, 1987	78 049	91 030	54 874	32 328	39 578	73 686	16 495	66 759
	1982	79 042	85 269	66 596	35 229	45 195	65 853	16 209	69 494
Irrigated	farms, 1987	-	-	-	1	1	1	2	-
	1982	-	-	-	-	-	-	1	-
	acres, 1987	-	-	-	(D)	(D)	(D)	(D)	-
	1982	-	-	-	-	-	-	(D)	-
1987 farms by acres harvested:									
1 to 24 acres		323	261	214	264	283	504	136	139
25 to 99 acres		361	317	248	136	235	314	69	234
100 to 249 acres		41	66	35	14	27	40	11	74
250 acres or more		1	7	6	-	1	3	-	10

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell
Harvested cropland ..... farms, 1987	1 078	904	1 052	972	929	577	818
1982	1 239	993	1 122	1 069	1 060	623	913
acres, 1987	249 352	137 088	211 100	154 803	217 817	169 179	192 403
1982	294 295	162 609	237 089	170 965	265 098	194 842	226 560
Irrigated ..... farms, 1987	16	5	3	10	7	4	7
1982	14	-	2	5	8	6	3
acres, 1987	1 339	(D)	(D)	74	(D)	771	626
1982	1 118	-	(D)	64	10	1 846	(D)
Corn for grain or seed ..... farms, 1987	1 016	698	954	801	[illegible]	513	763
1982	1 185	761	1 030	868	961	526	842
acres, 1987	117 416	58 576	107 672	70 865	121 035	60 324	96 111
1982	149 090	71 220	127 705	81 644	155 054	94 974	117 903
bushels, 1987	13 619 698	6 955 682	14 344 045	8 764 911	16 830 774	9 796 784	11 770 471
1982	15 102 970	6 706 904	14 086 859	8 138 928	18 972 614	9 143 749	13 667 001
Irrigated ..... farms, 1987	12	-	-	-	-	3	2
1982	8	-	1	-	1	6	2
acres, 1987	1 038	-	-	-	-	470	(D)
1982	655	-	(D)	-	(D)	905	(D)
1987 farms by acres harvested:							
1 to 24 acres	51	181	157	227	117	64	99
25 to 99 acres	459	319	401	323	319	176	301
100 to 249 acres	436	158	300	208	246	186	280
250 acres or more	70	40	96	43	151	87	83
Corn for silage or green chop ..... farms, 1987	184	32	64	37	38	9	168
1982	477	95	169	107	111	55	268
acres, 1987	5 684	1 182	2 178	1 039	1 467	368	4 915
1982	13 956	3 625	4 296	2 706	2 924	2 982	8 317
tons, green, 1987	79 413	14 559	29 372	15 062	26 764	8 465	68 515
1982	182 893	42 160	75 005	41 215	52 094	39 873	130 570
Irrigated ..... farms, 1987	2	-	-	-	-	-	-
1982	3	-	-	-	1	-	-
acres, 1987	(D)	-	-	-	-	-	-
1982	85	-	-	-	(D)	-	-
1987 farms by acres harvested:							
1 to 24 acres	113	24	60	23	24	4	98
25 to 99 acres	58	4	22	11	9	3	63
100 to 249 acres	11	3	1	3	4	2	6
250 acres or more	2	1	1	-	1	-	1
Wheat for grain ..... farms, 1987	5	4	6	18	10	29	23
1982	13	37	9	35	6	73	15
acres, 1987	53	120	94	235	140	673	338
1982	383	1 299	105	915	76	3 109	530
bushels, 1987	2 250	5 045	3 615	7 450	5 938	22 119	12 084
1982	13 907	31 703	2 802	28 174	4 290	87 181	16 454
Irrigated ..... farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
acres, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	5	3	4	15	8	19	19
25 to 99 acres	-	1	2	1	2	10	4
100 to 249 acres	-	-	-	-	-	-	-
250 acres or more	-	-	-	-	-	-	-
Oats for grain ..... farms, 1987	369	142	318	246	197	52	321
1982	611	237	487	326	307	104	440
acres, 1987	8 074	3 048	6 110	4 948	3 631	1 210	7 833
1982	17 431	4 654	9 147	6 855	6 704	2 212	11 018
bushels, 1987	566 384	153 495	337 828	248 410	184 055	55 791	476 743
1982	1 354 138	201 418	454 832	314 512	369 757	101 253	570 060
Irrigated ..... farms, 1987	-	-	-	-	-	-	1
1982	2	-	-	2	-	-	-
acres, 1987	-	-	-	-	-	-	(D)
1982	(D)	-	-	(D)	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	267	109	242	187	152	32	205
25 to 99 acres	100	30	75	57	44	20	113
100 to 249 acres	2	2	1	2	1	-	3
250 acres or more	-	1	-	-	-	-	-
Soybeans for beans ..... farms, 1987	939	583	858	688	744	487	664
1982	1 038	678	897	749	809	505	724
acres, 1987	105 550	51 363	79 429	56 702	81 281	80 645	72 951
1982	100 781	55 647	77 354	55 091	88 522	85 552	78 877
bushels, 1987	4 264 389	2 104 554	3 294 041	2 435 855	3 909 328	2 992 822	3 024 302
1982	3 672 931	1 772 094	2 945 590	1 878 454	3 434 854	2 894 094	2 656 646
Irrigated ..... farms, 1987	3	-	1	1	-	1	2
1982	7	-	-	-	-	4	-
acres, 1987	210	-	(D)	(D)	-	(D)	(D)
1982	287	-	-	-	-	790	-
1987 farms by acres harvested:							
1 to 24 acres	79	140	149	188	131	62	91
25 to 99 acres	433	265	398	303	318	141	290
100 to 249 acres	362	138	267	181	214	172	222
250 acres or more	65	40	44	36	61	112	61
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1987	580	666	587	598	445	208	377
1982	668	734	698	749	549	315	434
acres, 1987	17 502	26 569	18 691	21 952	13 025	6 228	13 931
1982	16 135	26 233	22 334	28 030	13 745	7 560	12 636
tons, dry, 1987	56 854	72 773	55 259	58 969	37 663	16 896	35 040
1982	53 230	83 053	77 092	86 594	46 277	22 518	37 075
Irrigated ..... farms, 1987	2	1	-	4	-	-	-
1982	3	-	-	-	-	-	-
acres, 1987	(D)	(D)	-	48	-	-	-
1982	75	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	345	308	301	312	273	131	184
25 to 99 acres	207	300	263	239	154	64	166
100 to 249 acres	27	54	22	43	18	13	25
250 acres or more	1	4	1	4	-	-	2

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Harvested cropland	farms, 1987	634	627	801	1 104	676	908	867	1 545
	1982	667	689	899	1 200	758	961	956	1 691
	acres, 1987	75 582	160 338	153 624	269 638	178 191	202 414	251 951	359 863
	1982	87 094	181 741	176 723	311 705	213 158	221 793	300 211	409 614
Irrigated	farms, 1987	2	2	35	4	11	7	29	13
	1982	-	1	26	4	13	2	22	17
	acres, 1987	(D)	(D)	(D)	8	(D)	1 928	(D)	(D)
	1982	-	(D)	(D)	(D)	1 743	(D)	3 734	2 987
Corn for grain or seed	farms, 1987	447	575	684	1 056	616	812	836	1 452
	1982	481	592	796	1 138	720	818	918	1 575
	acres, 1987	26 349	73 645	81 722	124 897	77 922	84 480	118 241	188 164
	1982	32 211	84 492	104 558	155 057	102 719	94 960	154 733	226 503
	bushels, 1987	2 665 907	8 730 435	7 955 200	16 222 003	10 347 932	9 291 092	15 586 249	20 983 864
	1982	2 527 481	7 856 659	12 902 533	17 144 500	11 764 594	8 257 952	18 779 488	23 682 167
Irrigated	farms, 1987	-	-	14	-	9	2	27	11
	1982	-	-	10	-	10	-	22	14
	acres, 1987	-	-	995	-	895	(D)	4 254	1 336
	1982	-	-	847	-	999	-	(D)	2 255
1987 farms by acres harvested:									
1 to 24 acres		170	71	115	72	31	121	63	118
25 to 99 acres		184	217	280	459	290	363	302	618
100 to 249 acres		85	214	198	433	244	266	348	540
250 acres or more		8	73	91	92	51	62	125	176
Corn for silage or green chop	farms, 1987	38	19	67	67	49	36	38	118
	1982	107	102	115	256	148	100	121	401
	acres, 1987	1 051	676	1 847	2 155	1 573	1 086	1 024	2 686
	1982	3 048	4 097	3 234	9 506	5 017	2 996	4 312	12 818
	tons, green, 1987	14 055	14 247	25 777	40 008	24 093	16 124	16 011	41 879
	1982	33 725	65 813	56 928	141 974	85 136	42 325	67 990	171 286
Irrigated	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	1	-	-	1	-
	acres, 1987	-	-	-	-	-	-	-	-
	1982	-	-	-	(D)	-	-	(D)	-
1987 farms by acres harvested:									
1 to 24 acres		23	9	42	48	37	20	22	75
25 to 99 acres		13	9	23	15	8	15	15	41
100 to 249 acres		2	1	2	3	2	1	1	2
250 acres or more		-	-	-	1	2	-	-	-
Wheat for grain	farms, 1987	6	12	28	3	5	64	1	19
	1982	16	70	26	4	9	154	3	16
	acres, 1987	104	482	737	34	158	1 626	(D)	325
	1982	248	2 497	1 039	160	243	5 557	65	732
	bushels, 1987	4 095	17 674	27 926	1 560	4 079	57 610	(D)	14 129
	1982	6 595	66 229	40 239	6 080	8 069	134 320	2 644	26 028
Irrigated	farms, 1987	-	-	-	-	-	-	-	-
	1982	-	-	2	-	-	-	-	1
	acres, 1987	-	-	-	-	-	-	-	-
	1982	-	-	(D)	-	-	-	-	(D)
1987 farms by acres harvested:									
1 to 24 acres		4	10	21	3	3	37	1	16
25 to 99 acres		2	1	6	-	2	25	-	2
100 to 249 acres		-	-	1	-	-	2	-	1
250 acres or more		-	1	-	-	-	-	-	-
Oats for grain	farms, 1987	83	96	204	283	157	136	156	563
	1982	116	167	252	377	293	226	239	908
	acres, 1987	1 457	1 866	4 275	4 530	2 702	2 540	3 157	18 054
	1982	2 226	3 631	5 032	7 357	6 484	4 973	5 071	29 494
	bushels, 1987	62 381	91 878	224 208	346 987	195 555	107 537	197 644	1 058 772
	1982	75 721	158 943	294 363	567 640	515 169	197 745	346 962	2 209 116
Irrigated	farms, 1987	-	-	1	-	-	-	-	-
	1982	-	-	-	-	1	-	-	-
	acres, 1987	-	-	(D)	-	-	-	-	-
	1982	-	-	-	-	(D)	-	-	-
1987 farms by acres harvested:									
1 to 24 acres		63	68	156	249	131	105	108	351
25 to 99 acres		19	27	44	33	26	30	47	195
100 to 249 acres		1	1	4	1	-	1	1	15
250 acres or more		-	-	-	-	-	-	-	2
Soybeans for beans	farms, 1987	333	532	556	999	624	785	802	1 287
	1982	381	564	582	1 092	708	823	874	1 300
	acres, 1987	19 212	72 597	54 102	132 665	91 774	94 261	126 240	137 600
	1982	22 490	74 660	52 162	133 676	93 454	92 283	132 729	122 453
	bushels, 1987	705 634	2 646 499	1 986 587	5 610 722	3 803 501	3 335 358	5 266 410	5 594 158
	1982	555 787	2 353 467	1 975 763	4 586 410	3 395 507	2 774 462	4 951 144	4 685 018
Irrigated	farms, 1987	-	-	19	-	4	-	7	5
	1982	-	-	12	1	7	-	3	5
	acres, 1987	-	-	1 045	-	235	-	436	358
	1982	-	-	876	(D)	526	-	92	611
1987 farms by acres harvested:									
1 to 24 acres		102	62	97	39	20	106	47	125
25 to 99 acres		177	173	271	393	250	298	257	602
100 to 249 acres		46	217	153	461	263	290	371	474
250 acres or more		8	80	35	106	91	91	127	86
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	519	368	393	346	259	549	216	711
	1982	545	426	425	415	313	659	281	860
	acres, 1987	28 990	13 303	12 153	8 570	5 878	19 137	5 134	21 453
	1982	29 595	14 401	11 696	8 194	6 580	21 815	6 048	21 080
	tons, dry, 1987	71 972	36 280	31 220	26 522	16 170	49 756	15 890	71 173
	1982	74 201	40 060	39 881	27 528	21 142	58 694	21 068	71 208
Irrigated	farms, 1987	-	-	2	-	-	1	-	-
	1982	-	-	-	-	2	-	1	2
	acres, 1987	-	-	(D)	-	-	(D)	-	-
	1982	-	-	-	-	(D)	-	(D)	(D)
1987 farms by acres harvested:									
1 to 24 acres		158	171	221	237	189	264	148	423
25 to 99 acres		276	177	154	98	64	258	63	255
100 to 249 acres		77	19	17	11	6	26	5	30
250 acres or more		8	1	1	-	-	1	-	3

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott
Harvested cropland farms, 1987	929	841	1 429	904	592	945	862
1982	1 045	960	1 617	1 029	702	1 044	971
acres, 1987	265 872	169 388	379 836	211 734	119 721	258 981	166 611
1982	317 426	195 910	432 730	252 702	158 664	301 639	201 814
Irrigated farms, 1987	4	12	18	3	2	8	17
1982	1	5	13	1	-	5	15
acres, 1987	(D)	(D)	1 984	(D)	(D)	707	202
1982	(D)	(D)	1 302	(D)	-	791	(D)
Corn for grain or seed farms, 1987	910	653	1 287	818	482	897	763
1982	1 002	724	1 401	917	524	964	878
acres, 1987	118 510	80 518	190 703	100 151	40 969	119 558	111 372
1982	157 764	100 893	231 146	129 984	51 306	149 270	148 128
bushels, 1987	15 779 661	11 274 889	25 187 379	12 586 370	4 248 023	15 021 139	13 407 266
1982	19 706 823	11 940 107	25 299 252	15 053 736	3 927 821	16 488 523	19 310 273
Irrigated farms, 1987	2	1	6	1	-	6	-
1982	1	-	8	-	-	2	-
acres, 1987	(D)	(D)	1 765	(D)	-	621	-
1982	(D)	-	(D)	-	-	(D)	-
1987 farms by acres harvested:							
1 to 24 acres	66	150	143	97	106	62	81
25 to 99 acres	369	264	443	345	231	382	305
100 to 249 acres	380	148	490	272	114	344	257
250 acres or more	95	91	211	104	29	109	120
Corn for silage or green chop farms, 1987	36	18	85	62	46	54	70
1982	102	46	273	113	90	194	133
acres, 1987	1 831	496	2 859	1 394	990	2 928	1 969
1982	3 317	1 603	10 240	2 865	3 165	10 899	4 050
tons, green, 1987	47 768	6 477	47 725	23 086	13 037	39 347	31 431
1982	55 182	21 402	160 630	47 125	39 617	184 142	70 737
Irrigated farms, 1987	-	-	-	-	-	-	-
1982	-	-	2	-	-	-	-
acres, 1987	-	-	-	-	-	-	-
1982	-	-	(D)	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	16	12	50	47	30	28	45
25 to 99 acres	16	5	28	12	16	19	19
100 to 249 acres	4	1	7	3	-	5	6
250 acres or more	-	-	-	-	-	2	-
Wheat for grain farms, 1987	-	4	43	6	10	3	6
1982	2	21	115	5	48	15	8
acres, 1987	-	107	1 516	164	437	64	109
1982	(D)	786	3 845	81	2 010	732	110
bushels, 1987	-	3 940	54 434	[illegible] 820	12 789	3 150	5 604
1982	(D)	22 446	141 885	4 180	37 916	32 803	3 780
Irrigated farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
acres, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
1987 farms by acres harvested:							
1 to 24 acres	-	2	24	2	5	2	4
25 to 99 acres	-	2	17	4	3	1	2
100 to 249 acres	-	-	1	-	2	-	-
250 acres or more	-	-	1	-	-	-	-
Oats for grain farms, 1987	121	88	300	367	98	237	263
1982	220	143	450	518	121	393	336
acres, 1987	2 024	1 600	7 231	9 532	2 560	5 983	4 480
1982	4 245	2 742	11 918	13 759	3 735	9 499	6 042
bushels, 1987	125 628	87 155	451 766	464 644	90 507	362 676	293 480
1982	301 329	142 333	711 435	736 063	110 629	689 114	385 075
Irrigated farms, 1987	2	-	-	1	-	-	-
1982	-	-	-	-	-	1	-
acres, 1987	(D)	-	-	(D)	-	-	-
1982	-	-	-	-	-	(D)	-
1987 farms by acres harvested:							
1 to 24 acres	106	67	207	216	61	149	215
25 to 99 acres	14	21	89	144	36	83	45
100 to 249 acres	1	-	3	7	-	5	3
250 acres or more	-	-	1	-	1	-	-
Soybeans for beans farms, 1987	878	606	1 126	731	439	867	603
1982	964	694	1 215	811	531	905	534
acres, 1987	142 055	79 880	159 046	76 366	42 819	117 882	38 786
1982	149 489	82 108	157 244	77 013	54 693	117 232	35 178
bushels, 1987	5 258 627	3 515 506	6 246 430	3 315 883	1 460 253	4 875 822	1 761 863
1982	5 684 972	3 123 411	5 813 859	2 886 838	1 415 334	4 354 795	1 509 739
Irrigated farms, 1987	2	-	2	-	-	3	-
1982	-	-	3	-	-	3	-
acres, 1987	(D)	-	(D)	-	-	50	-
1982	-	-	165	-	-	(D)	-
1987 farms by acres harvested:							
1 to 24 acres	40	119	122	127	93	56	158
25 to 99 acres	277	241	417	306	203	345	311
100 to 249 acres	394	153	422	231	105	353	122
250 acres or more	167	95	165	66	38	113	12
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987	198	302	714	616	451	354	424
1982	302	407	876	748	570	485	436
acres, 1987	4 570	7 553	22 960	26 433	35 333	13 399	11 494
1982	4 914	8 823	23 570	33 379	45 550	14 470	10 360
tons, dry, 1987	13 757	22 959	66 760	89 007	83 083	43 069	33 782
1982	15 738	27 414	78 236	110 461	119 603	50 240	37 484
Irrigated farms, 1987	-	-	-	-	-	1	-
1982	-	-	-	-	-	1	-
acres, 1987	-	-	-	-	-	(D)	-
1982	-	-	-	-	-	(D)	-
1987 farms by acres harvested:							
1 to 24 acres	152	210	418	207	87	194	262
25 to 99 acres	36	78	257	351	250	126	144
100 to 249 acres	10	14	33	54	97	31	18
250 acres or more	-	-	6	4	17	3	-

Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Harvested cropland farms, 1987	1 667	1 001	1 236	690	587	699	788	1 104
1982	1 616	1 113	1 350	800	683	801	862	1 188
acres, 1987	352 858	242 426	274 884	141 043	101 216	106 140	116 921	155 858
1982	406 510	289 759	309 403	165 144	121 953	132 063	131 029	181 270
Irrigated farms, 1987	58	14	5	-	2	1	2	7
1982	57	6	2	2	2	-	1	4
acres, 1987	(D)	(D)	(D)	-	(D)	(D)	(D)	67
1982	(D)	204	(D)	(D)	(D)	-	(D)	(D)
Corn for grain or seed farms, 1987	1 561	885	1 137	581	473	553	511	793
1982	1 669	986	1 228	653	521	652	628	847
acres, 1987	194 424	116 748	146 615	55 044	40 799	41 462	49 900	69 880
1982	226 736	152 049	173 412	64 316	49 811	56 885	60 987	84 363
bushels, 1987	22 031 184	16 455 650	19 327 395	5 868 957	4 545 259	4 100 414	5 287 674	8 380 487
1982	23 940 281	19 136 567	20 382 861	4 986 348	4 211 312	5 885 896	6 888 944	8 010 793
Irrigated farms, 1987	54	5	-	-	-	-	-	1
1982	53	1	-	1	-	-	-	1
acres, 1987	7 716	(D)	-	-	-	-	-	(D)
1982	6 848	(D)	-	(D)	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres	142	130	186	124	131	193	148	250
25 to 99 acres	665	348	471	277	191	223	192	306
100 to 249 acres	584	280	359	139	122	107	125	173
250 acres or more	170	127	151	41	29	30	46	62
Corn for silage or green chop farms, 1987	283	35	61	16	22	83	33	50
1982	717	93	157	63	72	106	47	102
acres, 1987	10 802	1 235	1 346	390	803	1 667	869	1 309
1982	29 273	2 986	3 948	1 941	2 454	2 231	1 205	5 584
tons, green, 1987	145 896	22 164	26 189	4 300	6 844	20 150	12 406	22 129
1982	427 622	54 193	61 966	24 399	30 471	27 280	19 729	58 617
Irrigated farms, 1987	2	-	-	-	-	-	-	-
1982	9	-	-	-	-	-	-	-
acres, 1987	(D)	-	-	-	-	-	-	-
1982	341	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	142	21	41	12	17	55	20	38
25 to 99 acres	114	12	19	3	3	28	13	10
100 to 249 acres	25	1	1	1	2	-	-	1
250 acres or more	2	1	-	-	-	-	-	1
Wheat for grain farms, 1987	7	7	10	27	10	40	6	9
1982	10	8	11	107	42	132	30	41
acres, 1987	231	128	240	576	268	554	59	207
1982	472	144	393	4 358	1 661	3 629	1 178	1 402
bushels, 1987	9 820	5 419	9 760	24 097	7 953	13 220	1 170	8 579
1982	17 517	5 255	8 558	89 988	56 912	93 386	38 707	36 837
Irrigated farms, 1987	-	-	-	-	-	-	-	-
1982	1	-	-	-	-	-	-	-
acres, 1987	-	-	-	-	-	-	-	-
1982	(D)	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	3	5	7	19	5	34	6	7
25 to 99 acres	4	2	3	8	5	6	-	2
100 to 249 acres	-	-	-	-	-	-	-	-
250 acres or more	-	-	-	-	-	-	-	-
Oats for grain farms, 1987	479	90	347	120	139	122	98	167
1982	836	172	547	190	239	167	124	245
acres, 1987	10 947	1 527	6 465	2 737	3 301	2 046	1 651	2 972
1982	23 997	2 902	10 857	4 415	6 178	2 706	1 990	4 425
bushels, 1987	744 073	86 951	313 356	104 925	137 330	72 429	66 796	125 358
1982	1 [illegible]3 046	160 239	565 438	146 753	226 631	83 733	80 535	181 085
Irrigated farms, 1987	1	1	-	-	-	-	-	-
1982	2	-	-	-	-	-	-	-
acres, 1987	(D)	(D)	-	-	-	-	-	-
1982	(D)	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	335	73	267	82	89	96	78	126
25 to 99 acres	139	17	77	36	47	26	20	40
100 to 249 acres	5	-	3	2	3	-	-	1
250 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans farms, 1987	1 339	848	989	560	425	505	470	640
1982	1 295	926	1 072	661	472	540	533	733
acres, 1987	118 683	117 965	100 936	59 816	32 681	40 843	46 721	53 371
1982	109 644	125 147	100 989	63 893	33 724	44 727	47 582	57 448
bushels, 1987	5 156 590	5 334 137	4 631 128	1 976 558	1 230 031	1 388 369	1 800 536	2 100 582
1982	4 191 548	4 800 904	3 752 509	1 896 764	940 801	1 410 581	1 571 269	1 762 082
Irrigated farms, 1987	16	1	-	-	-	-	-	-
1982	21	1	-	-	-	-	-	1
acres, 1987	748	(D)	-	-	-	-	-	-
1982	1 445	(D)	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres	211	97	152	115	109	140	107	170
25 to 99 acres	704	328	433	242	189	230	193	289
100 to 249 acres	357	294	349	150	110	102	130	137
250 acres or more	67	129	55	53	17	33	40	44
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987	683	283	671	467	457	537	535	791
1982	623	355	771	578	513	580	544	842
acres, 1987	[illegible]95	6 859	23 868	24 517	25 540	23 500	19 928	30 959
1982	[illegible]34	6 452	23 713	29 373	30 311	22 807	20 382	29 786
tons, dry, 1987	77 068	18 019	73 682	55 475	65 941	47 206	45 976	83 102
1982	72 720	21 067	71 984	74 913	86 629	53 577	54 045	84 024
Irrigated farms, 1987	5	1	-	-	-	-	-	2
1982	9	-	1	1	-	-	-	-
acres, 1987	111	(D)	-	-	-	-	-	(D)
1982	276	-	(D)	(D)	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	[illegible]64	200	323	157	188	228	272	390
25 to 99 acres	[illegible]	73	311	245	219	257	230	336
100 to 249 acres	[illegible]	10	35	61	65	48	29	60
250 acres or more	-	-	2	4	5	4	4	5

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Table 15. **Selected Crops: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Crop	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Harvested cropland farms, 1987	1 024	630	1 140	686	1 422	1 162	592	832
1982	1 098	731	1 251	774	1 562	1 377	714	950
acres, 1987	206 315	114 904	312 048	177 414	219 642	278 373	157 665	260 636
1982	247 227	152 831	363 632	211 136	262 028	359 752	199 142	319 992
Irrigated farms, 1987	7	-	4	2	2	25	3	4
1982	5	2	4	2	3	28	6	2
acres, 1987	48	-	(D)	(D)	(D)	4 930	(D)	(D)
1982	(D)	(D)	(D)	(D)	(D)	8 372	399	(D)
Corn for grain or seed farms, 1987	932	505	1 048	640	1 290	1 020	552	798
1982	1 018	557	1 140	711	1 425	1 178	669	903
acres, 1987	116 371	43 055	138 143	87 427	103 614	162 688	77 320	119 346
1982	153 099	60 140	182 890	112 432	132 345	214 962	104 574	163 690
bushels, 1987	13 290 292	4 557 377	19 331 951	11 820 656	13 335 146	18 991 273	10 020 057	16 476 936
1982	19 016 996	4 554 293	23 057 388	13 198 676	13 478 416	22 589 745	12 557 015	20 396 041
Irrigated farms, 1987	3	-	1	-	1	20	2	2
1982	1	-	1	1	2	24	3	-
acres, 1987	28	-	(D)	-	(D)	3 564	(D)	(D)
1982	(D)	-	(D)	(D)	(D)	4 883	390	-
1987 farms by acres harvested:								
1 to 24 acres	117	138	105	51	262	111	74	55
25 to 99 acres	396	221	433	271	667	342	189	286
100 to 249 acres	305	117	389	226	312	381	199	334
250 acres or more	114	29	121	92	49	186	90	123
Corn for silage or green chop farms, 1987	78	21	30	46	424	70	65	18
1982	119	73	65	76	748	260	100	51
acres, 1987	1 618	470	773	1 128	8 486	2 798	1 372	761
1982	2 939	2 682	2 080	1 929	18 219	9 238	2 200	2 221
tons, green, 1987	25 914	5 980	12 501	14 700	139 809	42 136	23 135	16 792
1982	52 029	27 501	31 346	33 719	275 071	133 500	35 263	41 125
Irrigated farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
acres, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	57	14	20	35	336	33	50	10
25 to 99 acres	20	7	9	9	84	32	14	7
100 to 249 acres	1	-	1	2	2	3	-	-
250 acres or more	-	-	-	-	2	2	1	1
Wheat for grain farms, 1987	47	19	3	2	6	16	-	2
1982	52	42	2	2	10	14	3	2
acres, 1987	876	343	(D)	(D)	79	697	-	(D)
1982	1 218	1 372	(D)	(D)	259	1 002	73	(D)
bushels, 1987	36 235	11 688	2 650	(D)	4 030	20 137	-	(D)
1982	47 571	37 681	(D)	(D)	7 760	32 224	2 920	(D)
Irrigated farms, 1987	-	-	-	-	-	-	-	-
1982	2	-	-	-	-	-	-	-
acres, 1987	-	-	-	-	-	-	-	-
1982	(D)	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	40	15	2	1	4	9	-	1
25 to 99 acres	7	4	1	1	2	5	-	-
100 to 249 acres	-	-	-	-	-	1	-	1
250 acres or more	-	-	-	-	-	1	-	-
Oats for grain farms, 1987	327	81	93	157	853	282	146	88
1982	359	139	166	244	1 057	493	262	129
acres, 1987	6 212	1 625	1 798	2 860	20 576	9 046	2 758	1 546
1982	6 944	3 451	3 441	4 389	26 005	18 807	5 063	2 350
bushels, 1987	295 085	57 353	104 881	186 347	1 217 857	495 502	160 748	94 034
1982	324 488	92 822	214 039	266 192	1 341 908	1 372 094	297 258	145 496
Irrigated farms, 1987	-	-	-	-	-	-	-	-
1982	-	1	-	-	-	1	-	-
acres, 1987	-	-	-	-	-	-	-	-
1982	-	(D)	-	-	-	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres	257	60	70	125	537	137	118	65
25 to 99 acres	69	21	21	32	309	136	27	23
100 to 249 acres	1	-	2	-	7	9	1	-
250 acres or more	-	-	-	-	-	-	-	-
Soybeans for beans farms, 1987	769	426	1 039	581	411	763	517	777
1982	756	502	1 111	656	378	811	592	873
acres, 1987	66 723	38 334	170 666	82 268	18 580	86 671	72 543	137 106
1982	68 946	47 368	172 392	88 800	16 997	98 143	82 707	148 818
bushels, 1987	2 818 021	1 378 703	7 272 652	3 070 284	773 018	3 358 177	2 918 118	5 631 282
1982	2 799 350	1 194 036	6 747 605	3 036 708	531 735	3 601 675	2 849 302	5 681 381
Irrigated farms, 1987	1	-	-	-	-	7	-	1
1982	-	1	-	1	-	13	-	-
acres, 1987	(D)	-	-	-	-	1 098	-	(D)
1982	-	(D)	-	(D)	-	3 039	-	-
1987 farms by acres harvested:								
1 to 24 acres	160	103	76	48	168	122	65	46
25 to 99 acres	350	183	337	213	198	352	169	212
100 to 249 acres	225	112	409	230	41	202	204	345
250 acres or more	34	28	217	90	4	87	79	174
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987	514	485	244	214	1 220	510	238	150
1982	576	590	320	238	1 361	653	294	215
acres, 1987	17 874	34 854	4 356	6 010	76 101	17 814	6 256	3 084
1982	17 058	41 887	5 516	4 812	75 939	19 332	6 796	3 768
tons, dry, 1987	41 048	77 469	11 473	19 682	249 750	48 432	16 825	8 788
1982	51 137	96 287	17 637	14 615	244 011	59 672	24 052	13 855
Irrigated farms, 1987	-	-	-	-	-	-	-	-
1982	-	1	-	-	1	-	2	-
acres, 1987	-	-	-	-	-	-	-	-
1982	-	(D)	-	-	(D)	-	(D)	-
1987 farms by acres harvested:								
1 to 24 acres	252	102	195	129	267	284	160	112
25 to 99 acres	240	269	46	77	712	193	71	35
100 to 249 acres	21	100	3	6	227	28	5	3
250 acres or more	1	14	-	2	14	5	2	-

able 16. Farms With Sales of $10,000 or More: 1987 and 1982

ta for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
RMS AND LAND IN FARMS							
nd in farms farms, 1987	82 631	772	517	866	511	706	1 180
1982	93 512	896	598	947	514	794	1 321
acres, 1987	30 158 199	337 350	226 101	298 040	205 638	258 073	407 168
1982	31 386 294	342 576	242 078	333 375	200 535	278 404	430 788
Average size of farm acres, 1987	365	437	437	344	402	366	345
1982	336	382	405	352	390	351	326
ue of land and buildings[1]:							
Average per farm dollars, 1987	342 244	291 322	212 670	208 909	196 717	338 694	373 663
1982	559 108	431 132	352 017	370 729	300 965	505 863	686 117
Average per acre dollars, 1987	942	651	504	649	460	880	1 112
1982	1 686	1 095	927	1 073	811	1 451	2 134
tal cropland farms, 1987	78 636	737	495	829	497	665	1 134
1982	89 784	865	580	916	502	765	1 274
acres, 1987	26 339 403	268 228	178 635	185 958	153 295	228 317	368 797
1982	26 875 103	283 039	195 630	201 434	146 573	239 980	379 796
Harvested cropland farms, 1987	77 374	723	486	808	476	641	1 120
1982	88 759	857	571	912	493	749	1 259
acres, 1987	20 043 833	192 059	111 956	136 070	84 853	170 211	297 183
1982	23 705 724	213 017	138 842	166 917	87 052	205 625	348 055
igated land farms, 1987	711	4	-	-	1	2	4
1982	558	2	1	2	1	-	1
acres, 1987	91 190	204	-	-	(D)	(D)	(D)
1982	90 942	(D)	(D)	(D)	(D)	-	(D)
ARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
otal sales (see text) $1,000, 1987	8 836 943	70 150	39 149	76 578	24 113	79 590	139 932
1982	9 733 562	70 272	46 700	77 315	21 705	92 160	137 030
Average per farm dollars, 1987	106 945	90 867	75 723	88 427	47 187	112 734	118 586
1982	104 089	78 429	78 093	81 642	42 228	116 070	103 732
1987 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops farms	71 997	679	450	579	378	614	1 082
$1,000	3 616 767	30 591	16 110	9 981	8 769	29 079	59 193
Grains farms	70 988	677	450	549	360	609	1 072
$1,000	3 524 735	30 088	15 855	8 987	7 894	28 732	58 569
Corn for grain farms	64 517	597	374	482	290	527	983
$1,000	1 939 575	16 349	8 387	7 942	3 813	15 414	30 178
Wheat farms	1 076	5	14	1	5	5	12
$1,000	2 591	(D)	(D)	(D)	(D)	(D)	29
Soybeans farms	62 486	617	417	113	321	562	1 003
$1,000	1 557 479	13 429	7 351	710	4 053	12 974	27 874
Sorghum for grain farms	49	-	3	-	-	-	-
$1,000	465	-	(D)	-	-	-	-
Barley farms	74	-	-	3	-	-	-
$1,000	111	-	-	(D)	-	-	-
Oats farms	10 908	115	58	165	26	117	258
$1,000	18 893	163	79	287	19	236	445
Other grains farms	630	6	-	15	1	5	5
$1,000	5 621	(D)	-	(D)	(D)	(D)	43
Cotton and cottonseed farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Tobacco farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds farms	10 237	95	69	160	97	106	148
$1,000	43 012	500	255	821	362	(D)	523
Vegetables, sweet corn, and melons farms	359	1	-	5	-	1	11
$1,000	7 019	(D)	-	28	-	(D)	34
Fruits, nuts, and berries farms	186	1	-	3	4	-	4
$1,000	2 499	(D)	-	(D)	(D)	-	(D)
Nursery and greenhouse crops farms	241	1	-	3	1	-	2
$1,000	37 870	(D)	-	(D)	(D)	-	(D)
Other crops farms	65	1	-	-	-	-	3
$1,000	1 632	(D)	-	-	-	-	(D)
Livestock, poultry, and their products farms	59 370	664	430	826	456	537	874
$1,000	5 220 176	39 559	23 038	66 597	15 344	50 511	80 739
Poultry and poultry products farms	2 720	28	14	13	10	32	35
$1,000	191 697	24	22	(D)	4	(D)	2 456
Dairy products farms	6 928	27	8	431	24	13	55
$1,000	391 942	(D)	(D)	29 608	680	(D)	3 203
Cattle and calves farms	42 170	593	389	769	440	377	595
$1,000	2 094 924	21 839	13 291	18 824	11 207	25 449	40 561
Hogs and pigs farms	35 888	368	215	402	121	341	542
$1,000	2 484 999	16 381	9 278	17 870	3 155	23 714	33 615
Sheep, lambs, and wool farms	6 250	56	29	62	69	50	129
$1,000	41 763	196	210	82	274	254	859
Other livestock and livestock products (see text) farms	1 826	13	10	17	13	16	19
$1,000	14 851	(D)	(D)	(D)	24	80	47

See footnotes at end of table.

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Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
FARMS AND LA‹**.**›**D IN FARMS**								
Land in farms	farms, 1987	959	797	849	1 095	973	1 065	865
	1982	1 036	921	999	1 154	1 079	1 214	1 019
	acres, 1987	295 689	324 369	223 286	326 683	353 592	320 425	336 463
	1982	296 198	322 419	239 532	324 812	355 934	327 486	346 637
Average size of farm	acres, 1987	308	407	263	298	363	301	389
	1982	286	350	240	281	330	270	340
Value of land and buildings[1]								
Average per farm	dollars, 1987	320 545	476 897	314 266	326 909	393 930	273 482	461 295
	1982	679 347	748 059	472 596	547 843	662 404	495 062	706 898
Average per acre	dollars, 1987	1 073	1 117	1 122	1 056	1 099	908	1 210
	1982	2 374	2 186	2 003	1 945	1 927	1 883	2 197
Total cropland	farms, 1987	902	773	803	1 051	919	996	837
	1982	983	895	963	1 112	1 031	1 155	986
	acres, 1987	272 573	295 737	203 943	300 221	326 705	290 337	318 932
	1982	266 305	286 721	212 181	291 593	322 520	291 541	319 517
Harvested cropland	farms, 1987	897	766	791	1 037	913	978	833
	1982	976	895	950	1 104	1 030	1 134	981
	acres, 1987	218 651	241 433	164 341	231 920	261 609	226 309	260 999
	1982	250 440	270 676	196 042	270 457	306 549	270 074	304 583
Irrigated land	farms, 1987	11	4	5	4	3	2	4
	1982	4	3	5	1	2	2	2
	acres, 1987	(D)	(D)	203	(D)	(D)	(D)	(D)
	1982	(D)	(D)	282	(D)	(D)	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	$1,000, 1987	98 757	90 366	73 998	108 087	131 694	104 363	97 636
	1982	101 732	101 991	79 481	111 658	135 848	109 437	115 357
Average per farm	dollars, 1987	102 979	113 383	87 159	98 710	135 348	97 993	112 874
	1982	98 197	110 739	79 561	96 757	125 902	90 146	113 206
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops	farms	877	750	738	953	900	956	827
	$1,000	49 309	53 543	30 573	45 847	50 050	42 869	57 399
Grains	farms	859	747	732	945	899	948	826
	$1,000	46 739	51 851	30 061	45 310	49 832	42 041	57 180
Corn for grain	farms	813	703	684	849	828	878	783
	$1,000	27 954	26 138	19 113	29 793	24 076	24 403	26 243
Wheat	farms	3	9	2	8	3	6	2
	$1,000	(D)	(D)	(D)	15	(D)	17	(D)
Soybeans	farms	779	720	624	811	871	879	807
	$1,000	18 581	25 477	10 668	15 158	25 546	17 366	30 724
Sorghum for grain	farms	-	1	-	-	-	-	-
	$1,000	-	(D)	-	-	-	-	-
Barley	farms	-	-	-	-	2	-	-
	$1,000	-	-	-	-	(D)	-	-
Oats	farms	102	88	134	171	94	180	72
	$1,000	157	139	188	264	143	249	171
Other grains	farms	10	6	4	10	5	3	3
	$1,000	(D)	47	(D)	80	38	7	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	113	77	125	112	64	131	58
	$1,000	395	301	429	322	214	511	(D)
Vegetables, sweet corn, and melons	farms	12	2	4	10	1	8	1
	$1,000	44	(D)	(D)	196	(D)	(D)	(D)
Fruits, nuts, and berries	farms	2	-	1	7	1	1	-
	$1,000	(D)	-	(D)	(D)	(D)	(D)	-
Nursery and greenhouse crops	farms	11	5	1	2	-	1	-
	$1,000	2 069	(D)	(D)	(D)	-	(D)	-
Other crops	farms	2	1	2	-	1	-	-
	$1,000	(D)	(D)	(D)	-	(D)	-	-
Livestock, poultry, and their products	farms	591	421	616	808	589	797	453
	$1,000	49 448	36 823	43 425	62 240	81 643	61 494	40 237
Poultry and poultry products	farms	37	17	32	69	49	50	19
	$1,000	4 848	2 990	1 345	747	14 840	1 781	1 843
Dairy products	farms	79	13	236	242	13	107	3
	$1,000	(D)	517	12 858	7 307	573	4 518	137
Cattle and calves	farms	343	247	462	557	223	497	213
	$1,000	9 606	14 640	10 406	16 652	23 718	16 443	16 207
Hogs and pigs	farms	380	236	324	542	449	520	282
	$1,000	30 236	18 471	18 567	37 133	41 969	38 288	21 663
Sheep, lambs, and wool	farms	64	65	60	83	69	106	78
	$1,000	332	179	178	113	(D)	344	348
Other livestock and livestock products (see text)	farms	21	14	18	66	11	26	13
	$1,000	(D)	28	72	287	(D)	120	38

See footnotes at end of table.

able 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

ata for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
ARMS AND LAND IN FARMS							
and in farms, farms, 1987	1 180	773	968	753	939	824	447
1982	1 280	864	1 130	874	1 064	920	506
acres, 1987	360 995	323 728	335 786	312 226	331 969	262 136	201 319
1982	358 999	336 168	342 035	322 365	33. 149	277 541	210 919
Average size of farm, acres, 1987	306	419	347	415	354	318	450
1982	280	380	303	369	313	302	417
alue of land and buildings[1]:							
Average per farm, dollars, 1987	333 886	310 335	390 987	396 159	384 694	276 973	229 569
1982	504 930	488 766	685 465	721 184	501 898	469 730	386 972
Average per acre, dollars, 1987	1 084	747	1 170	1 012	1 032	845	472
1982	1 829	1 299	2 224	1 992	1 686	1 537	863
otal cropland, farms, 1987	1 095	734	924	720	890	793	428
1982	1 208	862	1 075	832	1 009	882	499
acres, 1987	332 060	284 348	296 612	293 017	287 462	236 472	147 351
1982	324 132	292 415	304 104	297 264	286 501	245 290	158 264
Harvested cropland, farms, 1987	1 076	719	906	711	884	785	411
1982	1 193	843	1 061	829	1 003	871	490
acres, 1987	267 748	209 296	227 656	231 018	227 491	182 583	87 520
1982	299 177	242 485	279 403	278 769	259 378	227 349	106 381
rigated land, farms, 1987	3	1	2	8	4	9	-
1982	2	2	2	7	1	7	1
acres, 1987	(D)	(D)	(D)	352	68	(D)	-
1982	(D)	(D)	(D)	(D)	(D)	1 510	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text), $1,000, 1987	169 980	82 257	103 998	82 459	118 619	84 170	26 222
1982	185 932	87 244	125 104	99 473	138 534	83 836	27 629
Average per farm, dollars, 1987	144 051	106 413	107 435	109 507	126 325	102 148	58 661
1982	145 260	98 692	110 711	113 814	130 201	91 126	54 602
1987 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops, farms	1 045	702	859	691	858	733	355
$1,000	48 935	35 669	41 862	49 783	40 823	31 963	8 656
Grains, farms	1 039	701	849	683	852	728	345
$1,000	48 459	35 231	41 331	48 048	40 273	31 459	8 262
Corn for grain, farms	904	649	787	656	769	664	281
$1,000	24 831	19 217	25 914	28 145	19 788	19 523	4 515
Wheat, farms	3	19	9	1	-	6	5
$1,000	(D)	(D)	(D)	(D)	-	(D)	(D)
Soybeans, farms	998	662	739	636	811	621	300
$1,000	23 072	15 810	15 185	19 744	20 270	11 651	3 714
Sorghum for grain, farms	-	-	-	-	-	-	1
$1,000	-	-	-	-	-	-	(D)
Barley, farms	-	-	-	1	-	1	-
$1,000	-	-	-	(D)	-	(D)	-
Oats, farms	209	79	135	77	106	159	30
$1,000	373	62	212	128	(D)	237	25
Other grains, farms	13	9	2	4	7	4	1
$1,000	(D)	(D)	(D)	(D)	(D)	27	(D)
Cotton and cottonseed, farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Tobacco, farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds, farms	125	101	118	59	99	133	86
$1,000	348	444	421	285	361	516	(D)
Vegetables, sweet corn, and melons, farms	2	1	3	8	2	2	-
$1,000	(D)	(D)	(D)	(D)	(D)	(D)	-
Fruits, nuts, and berries, farms	1	1	4	3	-	2	-
$1,000	(D)	(D)	(D)	(D)	-	(D)	-
Nursery and greenhouse crops, farms	2	1	1	3	1	1	1
$1,000	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other crops, farms	1	-	1	2	-	-	-
$1,000	(D)	-	(D)	(D)	-	-	-
Livestock, poultry, and their products, farms	901	586	722	418	673	617	411
$1,000	121 046	46 568	62 135	32 676	77 796	52 187	17 565
Poultry and poultry products, farms	38	16	24	20	25	40	10
$1,000	93	(D)	116	1 728	(D)	538	11
Dairy products, farms	20	18	34	23	45	160	6
$1,000	646	(D)	(D)	(D)	1 724	7 766	268
Cattle and calves, farms	569	470	456	189	458	459	383
$1,000	66 958	27 976	20 230	5 571	39 832	19 403	9 076
Hogs and pigs, farms	698	324	481	285	438	375	192
$1,000	52 554	17 392	39 579	24 228	34 288	23 517	8 064
Sheep, lambs, and wool, farms	51	66	150	48	59	38	41
$1,000	(D)	201	486	(D)	566	(D)	109
Other livestock and livestock products (see text), farms	8	8	12	19	24	10	14
$1,000	(D)	11	(D)	138	(D)	(D)	36

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
FARMS AND LAND IN FARMS								
Land in farms	farms, 1987	755	1 383	1 146	1 104	735	543	446
	1982	923	1 433	1 303	1 301	896	605	512
	acres, 1987	310 068	422 820	363 343	392 406	309 849	224 273	240 745
	1982	343 258	425 986	390 585	417 964	332 820	244 888	274 139
Average size of farm	acres, 1987	411	306	317	355	422	413	540
	1982	372	297	300	321	371	405	535
Value of land and buildings[1]:								
Average per farm	dollars, 1987	419 678	275 438	308 506	270 504	485 309	176 246	251 135
	1982	670 684	429 267	604 574	393 109	704 334	346 255	306 363
Average per acre	dollars, 1987	1 008	894	969	770	1 123	442	447
	1982	1 795	1 414	2 120	1 233	1 864	807	785
Total cropland	farms, 1987	715	1 315	1 096	1 016	704	519	424
	1982	887	1 381	1 248	1 253	853	587	494
	acres, 1987	283 799	313 661	327 026	348 912	277 152	159 596	157 760
	1982	308 621	302 967	345 219	361 293	287 407	176 900	183 530
Harvested cropland	farms, 1987	711	1 285	1 076	988	692	502	406
	1982	878	1 365	1 234	1 221	846	580	482
	acres, 1987	226 852	233 611	253 436	259 813	218 335	97 337	91 240
	1982	287 707	258 542	317 977	307 363	267 282	125 667	124 168
Irrigated land	farms, 1987	3	1	6	2	8	-	2
	1982	6	1	2	1	3	-	1
	acres, 1987	(D)	(D)	67	(D)	128	-	(D)
	1982	543	(D)	(D)	(D)	(D)	-	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	$1,000, 1987	93 219	143 451	114 478	110 070	77 347	31 842	34 577
	1982	113 481	131 214	146 226	120 559	95 294	35 870	36 697
Average per farm	dollars, 1987	123 469	103 725	99 893	99 701	105 234	58 640	77 526
	1982	122 948	91 566	112 223	92 667	106 354	59 288	71 673
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops	farms	701	982	976	954	672	384	349
	$1,000	44 758	23 813	42 302	42 562	48 006	9 672	10 956
Grains	farms	700	938	968	949	662	371	331
	$1,000	44 284	22 040	41 412	42 036	46 854	9 357	10 466
Corn for grain	farms	668	864	891	855	631	300	249
	$1,000	21 616	19 063	27 233	23 222	24 693	4 645	4 898
Wheat	farms	-	7	29	4	4	24	12
	$1,000	-	15	(D)	3	26	(D)	(D)
Soybeans	farms	677	155	742	884	620	325	303
	$1,000	22 493	2 168	13 843	18 103	22 023	4 632	5 494
Sorghum for grain	farms	-	-	-	1	-	1	3
	$1,000	-	-	-	(D)	-	(D)	17
Barley	farms	-	4	-	-	-	-	-
	$1,000	-	(D)	-	-	-	-	-
Oats	farms	58	370	196	228	60	41	14
	$1,000	136	732	283	384	112	37	(D)
Other grains	farms	4	4	5	29	-	1	4
	$1,000	38	(D)	(D)	(D)	-	(D)	27
Cotton and cottonseed	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	51	302	126	138	68	87	80
	$1,000	202	1 699	444	(D)	211	304	390
Vegetables, sweet corn, and melons	farms	-	4	2	2	10	3	3
	$1,000	-	(D)	(D)	(D)	(D)	(D)	(D)
Fruits, nuts, and berries	farms	1	3	2	-	5	3	5
	$1,000	(D)	18	(D)	-	(D)	(D)	(D)
Nursery and greenhouse crops	farms	1	3	3	-	7	1	1
	$1,000	(D)	(D)	(D)	-	819	(D)	(D)
Other crops	farms	1	-	-	-	-	1	2
	$1,000	(D)	-	-	-	-	(D)	(D)
Livestock, poultry, and their products	farms	459	1 277	856	903	410	503	388
	$1,000	48 461	119 638	72 176	67 508	29 341	22 169	23 621
Poultry and poultry products	farms	24	43	32	36	22	26	7
	$1,000	(D)	1 123	252	507	(D)	1 489	6
Dairy products	farms	10	674	59	39	9	77	12
	$1,000	210	41 918	3 511	(D)	343	2 019	771
Cattle and calves	farms	249	1 127	603	703	285	449	356
	$1,000	20 725	24 324	38 601	35 445	11 441	9 002	14 396
Hogs and pigs	farms	283	745	561	562	196	214	131
	$1,000	22 375	52 058	29 444	29 076	12 323	9 144	8 315
Sheep, lambs, and wool	farms	78	58	81	68	39	99	32
	$1,000	1 044	85	234	1 073	(D)	450	109
Other livestock and livestock products (see text)	farms	12	34	18	13	23	45	12
	$1,000	(D)	132	133	(D)	503	65	24

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
FARMS AND LAND IN FARMS									
Land in farms	farms, 1987	1 278	518	497	1 384	522	1 300	777	895
	1982	1 327	583	570	1 434	628	1 363	866	1 048
	acres, 1987	343 222	198 069	205 755	315 089	224 074	409 618	286 515	341 124
	1982	345 148	213 475	224 624	324 197	241 476	421 471	291 415	362 542
Average size of farm	acres, 1987	269	382	414	228	429	315	369	381
	1982	260	366	394	226	385	309	337	346
Value of land and buildings[1]:									
Average per farm	dollars, 1987	286 406	404 648	390 245	239 182	414 323	287 624	330 449	394 497
	1982	575 423	602 281	640 690	409 043	605 048	526 530	667 148	754 902
Average per acre	dollars, 1987	1 100	1 080	960	1 099	1 029	911	939	1 078
	1982	2 249	1 718	1 723	1 616	2 064	1 711	1 968	2 223
Total cropland	farms, 1987	1 217	507	473	1 293	507	1 237	752	840
	1982	1 270	571	548	1 370	615	1 316	838	995
	acres, 1987	300 474	165 081	189 436	256 171	209 163	355 748	265 659	315 824
	1982	300 185	173 297	200 904	253 544	220 110	356 769	262 669	328 990
Harvested cropland	farms, 1987	1 203	504	470	1 275	500	1 212	745	832
	1982	1 262	568	541	1 353	612	1 294	823	994
	acres, 1987	239 636	128 556	149 470	200 670	164 545	275 283	211 775	249 605
	1982	272 405	157 718	185 227	218 860	206 298	324 143	248 275	307 642
Irrigated land	farms, 1987	-	4	2	3	5	6	7	8
	1982	-	4	2	2	4	3	6	2
	acres, 1987	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1982	-	311	(D)	(D)	(D)	42	868	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1987	166 898	42 893	63 879	151 864	56 596	134 497	78 163	110 471
	1982	152 735	57 057	77 896	134 486	70 401	145 156	86 317	129 842
Average per farm	dollars, 1987	130 593	82 805	128 528	109 728	108 422	103 459	100 596	123 431
	1982	115 098	97 867	136 659	93 786	112 103	106 497	99 673	123 895
1987 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms	926	484	452	752	491	1 071	727	814
	$1,000	28 615	25 034	28 604	12 946	35 818	47 478	45 017	55 764
Grains	farms	891	478	449	690	489	1 054	722	811
	$1,000	27 544	23 840	28 055	11 182	35 624	46 349	42 209	54 529
Corn for grain	farms	768	448	416	607	473	981	682	783
	$1,000	21 301	13 983	14 211	9 743	17 772	31 513	23 630	30 800
Wheat	farms	17	37	5	9	1	10	4	3
	$1,000	21	87	(D)	9	(D)	17	2	(D)
Soybeans	farms	459	442	433	96	476	735	675	769
	$1,000	5 706	9 719	13 712	953	17 787	14 280	18 306	23 546
Sorghum for grain	farms	-	-	-	1	-	-	-	1
	$1,000	-	-	-	(D)	-	-	-	(D)
Barley	farms	5	-	-	10	-	3	-	4
	$1,000	8	-	-	11	-	2	-	5
Oats	farms	242	30	52	230	27	273	118	87
	$1,000	494	(D)	116	458	(D)	516	247	121
Other grains	farms	9	2	2	6	1	7	7	6
	$1,000	14	(D)	(D)	(D)	(D)	22	24	25
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	221	68	45	254	36	210	80	69
	$1,000	989	322	371	1 424	(D)	960	323	216
Vegetables, sweet corn, and melons	farms	-	4	1	1	-	9	3	6
	$1,000	-	(D)	(D)	(D)	-	80	(D)	(D)
Fruits, nuts, and berries	farms	2	1	-	4	1	2	-	-
	$1,000	(D)	(D)	-	(D)	(D)	(D)	-	-
Nursery and greenhouse crops	farms	1	3	4	5	-	3	4	1
	$1,000	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
Other crops	farms	1	-	-	1	-	-	-	-
	$1,000	(D)	-	-	(D)	-	-	-	-
Livestock, poultry, and their products	farms	1 149	323	298	1 318	254	1 029	470	545
	$1,000	138 283	17 859	35 275	138 918	20 779	87 018	33 146	54 706
Poultry and poultry products	farms	32	7	20	46	18	36	22	43
	$1,000	1 107	(D)	1 762	(D)	181	1 579	994	5 255
Dairy products	farms	513	15	22	611	2	400	45	25
	$1,000	32 533	1 137	1 146	(D)	(D)	25 067	1 613	(D)
Cattle and calves	farms	863	240	177	1 134	141	805	291	243
	$1,000	22 079	7 324	20 327	37 475	9 509	20 077	10 368	11 634
Hogs and pigs	farms	895	154	167	849	165	578	279	384
	$1,000	82 415	9 111	11 776	54 018	10 877	39 784	20 060	36 504
Sheep, lambs, and wool	farms	60	36	41	45	31	80	42	64
	$1,000	121	122	221	119	149	411	85	174
Other livestock and livestock products (see text)	farms	18	20	10	23	8	23	18	18
	$1,000	27	(D)	43	134	(D)	101	27	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARMS AND LAND IN FARMS									
Land in farms	farms, 1987	578	779	908	735	881	928	921	825
	1982	635	900	1 013	841	1 033	1 086	1 027	951
	acres, 1987	298 977	346 237	316 224	297 541	341 619	340 590	333 182	374 805
	1982	300 279	352 113	317 381	308 153	354 273	347 889	349 098	395 098
Average size of farm	acres, 1987	517	444	348	405	388	367	362	454
	1982	473	391	313	366	343	320	340	415
Value of land and buildings[1]:									
Average per farm	dollars, 1987	431 960	463 944	435 244	281 508	477 108	417 550	393 332	375 686
	1982	661 931	739 730	702 434	442 251	791 054	683 518	718 929	453 258
Average per acre	dollars, 1987	824	1 034	1 231	769	1 247	1 119	1 022	836
	1982	1 419	2 007	2 376	1 259	2 341	2 156	2 121	1 136
Total cropland	farms, 1987	549	751	857	705	842	894	858	790
	1982	623	867	956	817	984	1 051	966	929
	acres, 1987	261 784	316 398	295 557	248 528	321 397	322 223	302 054	322 014
	1982	262 920	317 095	292 987	253 393	324 337	323 015	311 329	340 013
Harvested cropland	farms, 1987	545	745	852	684	832	886	851	779
	1982	618	862	945	812	978	1 043	960	918
	acres, 1987	200 240	255 194	241 792	172 687	259 624	256 175	241 525	250 366
	1982	219 479	296 566	278 640	207 065	311 110	308 277	292 304	294 199
Irrigated land	farms, 1987	11	8	-	4	2	8	9	75
	1982	6	4	1	1	-	6	2	69
	acres, 1987	1 265	(D)	-	(D)	(D)	586	(D)	15 844
	1982	1 416	501	(D)	(D)	-	772	(D)	15 837
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1987	67 334	89 319	120 373	63 878	133 307	97 220	114 950	80 667
	1982	69 702	105 590	120 2[illegible]9	75 805	150 784	114 759	132 035	84 078
Average per farm	dollars, 1987	116 494	114 658	132 570	86 909	151 313	104 763	124 810	97 778
	1982	109 766	117 322	118 696	90 137	145 967	105 672	128 564	88 410
1987 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms	538	738	833	650	823	869	837	764
	$1,000	37 026	56 578	56 998	30 401	57 248	52 561	53 628	49 467
Grains	farms	531	734	830	642	819	866	828	756
	$1,000	36 233	56 001	55 583	29 837	56 963	52 366	52 907	49 041
Corn for grain	farms	493	718	788	587	786	826	785	716
	$1,000	16 513	26 386	31 152	16 025	29 881	29 022	29 394	27 064
Wheat	farms	16	3	5	5	2	1	-	26
	$1,000	43	(D)	(D)	(D)	(D)	(D)	-	(D)
Soybeans	farms	519	725	793	594	790	822	781	722
	$1,000	19 393	29 464	24 282	13 620	26 956	23 149	23 372	21 097
Sorghum for grain	farms	6	-	-	-	-	-	-	-
	$1,000	32	-	-	-	-	-	-	-
Barley	farms	-	1	-	-	-	-	-	-
	$1,000	-	(D)	-	-	-	-	-	-
Oats	farms	10	72	86	119	61	108	79	71
	$1,000	(D)	138	126	(D)	80	163	(D)	(D)
Other grains	farms	20	1	2	-	5	5	4	27
	$1,000	(D)	(D)	(D)	-	(D)	(D)	(D)	692
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	66	56	96	82	49	59	66	63
	$1,000	230	225	(D)	264	(D)	(D)	261	191
Vegetables, sweet corn, and melons	farms	1	3	1	-	1	-	9	3
	$1,000	(D)	(D)	(D)	-	(D)	-	(D)	(D)
Fruits, nuts, and berries	farms	3	2	-	1	-	1	3	6
	$1,000	(D)	(D)	-	(D)	-	(D)	(D)	(D)
Nursery and greenhouse crops	farms	2	2	-	3	1	1	4	1
	$1,000	(D)	(D)	-	(D)	(D)	(D)	345	(D)
Other crops	farms	-	1	-	-	-	-	-	-
	$1,000	-	(D)	-	-	-	-	-	-
Livestock, poultry, and their products	farms	331	382	574	552	447	519	594	519
	$1,000	30 308	30 741	63 375	33 477	76 059	44 659	61 322	31 200
Poultry and poultry products	farms	8	18	51	16	45	34	32	20
	$1,000	9	114	(D)	99	31 552	(D)	1 952	17
Dairy products	farms	7	-	35	12	5	26	16	18
	$1,000	408	-	1 997	(D)	402	1 740	(D)	358
Cattle and calves	farms	262	255	318	447	128	243	319	440
	$1,000	20 034	12 253	29 633	15 957	10 482	12 299	16 420	18 589
Hogs and pigs	farms	145	190	386	291	325	372	392	230
	$1,000	9 800	17 909	29 832	16 959	32 279	28 580	42 238	12 139
Sheep, lambs, and wool	farms	16	76	85	58	57	52	61	24
	$1,000	54	(D)	370	136	179	200	(D)	72
Other livestock and livestock products (see text)	farms	5	8	21	14	25	9	33	16
	$1,000	3	(D)	(D)	(D)	1 164	(D)	152	26

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
FARMS AND LAND IN FARMS									
Land in farms	farms, 1987	607	780	685	689	849	1 019	1 107	524
	1982	712	888	779	777	967	1 138	1 273	653
	acres, 1987	208 773	259 664	272 540	254 545	316 580	319 173	410 703	212 863
	1982	225 017	270 224	272 790	255 721	351 948	329 724	433 675	230 800
Average size of farm	acres, 1987	344	333	398	369	373	313	371	406
	1982	316	304	350	329	364	290	341	353
Value of land and buildings[1]: Average per farm	dollars, 1987	368 247	235 061	428 428	370 993	312 908	225 518	327 890	318 239
	1982	547 058	391 329	779 807	477 659	576 486	435 211	539 738	435 727
Average per acre	dollars, 1987	1 004	731	1 069	957	678	774	916	784
	1982	1 758	1 386	2 177	1 553	1 556	1 460	1 673	1 353
Total cropland	farms, 1987	576	749	662	652	822	958	1 048	502
	1982	684	849	745	748	926	1 088	1 216	628
	acres, 1987	177 418	234 110	256 543	229 658	277 664	230 735	355 474	176 775
	1982	185 600	239 046	252 647	225 600	293 594	238 536	371 004	186 004
Harvested cropland	farms, 1987	565	740	657	635	812	929	1 022	495
	1982	676	844	743	732	915	1 071	1 198	611
	acres, 1987	131 957	175 344	212 612	175 069	199 540	158 324	271 828	132 614
	1982	165 936	213 667	242 983	200 822	233 025	188 592	319 767	154 344
Irrigated land	farms, 1987	2	3	3	-	1	5	6	5
	1982	4	2	1	1	-	-	6	2
	acres, 1987	(D)	(D)	261	-	(D)	(D)	(D)	127
	1982	(D)	(D)	(D)	(D)	-	-	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1987	54 645	66 144	77 502	79 832	90 403	92 248	118 338	43 169
	1982	71 808	69 547	88 050	88 069	105 961	90 595	134 499	52 305
Average per farm	dollars, 1987	90 025	84 800	113 142	115 867	106 482	90 528	106 899	82 384
	1982	100 854	78 319	113 030	113 345	109 577	79 609	105 655	80 100
1987 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms	547	668	650	615	747	694	980	451
	$1,000	22 601	28 176	45 117	29 524	33 801	14 078	50 105	20 143
Grains	farms	540	660	649	613	736	670	966	443
	$1,000	22 382	27 564	44 725	29 300	33 151	13 121	49 371	19 737
Corn for grain	farms	482	596	620	549	643	596	888	383
	$1,000	13 235	15 677	21 269	16 190	22 898	10 799	27 897	9 827
Wheat	farms	17	5	1	7	10	35	4	23
	$1,000	(D)	7	(D)	7	(D)	52	(D)	62
Soybeans	farms	486	574	631	579	629	231	894	419
	$1,000	9 043	11 567	23 273	12 843	9 901	1 896	21 067	9 719
Sorghum for grain	farms	-	3	1	-	2	-	1	-
	$1,000	-	(D)	(D)	-	(D)	-	(D)	-
Barley	farms	-	1	-	3	-	2	-	-
	$1,000	-	(D)	-	(D)	-	(D)	-	-
Oats	farms	43	174	69	77	183	211	207	54
	$1,000	66	282	130	118	272	360	311	69
Other grains	farms	3	8	2	14	4	8	11	3
	$1,000	(D)	17	(D)	(D)	35	(D)	91	61
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	62	92	47	66	141	177	182	74
	$1,000	176	268	304	224	586	882	627	242
Vegetables, sweet corn, and melons	farms	3	1	1	-	3	3	4	4
	$1,000	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Fruits, nuts, and berries	farms	3	-	-	-	2	4	2	-
	$1,000	(D)	-	-	-	(D)	32	(D)	-
Nursery and greenhouse crops	farms	1	2	2	-	2	1	3	2
	$1,000	(D)	(D)	(D)	-	(D)	(D)	(D)	(D)
Other crops	farms	-	-	1	-	-	1	1	-
	$1,000	-	-	(D)	-	-	(D)	(D)	-
Livestock, poultry, and their products	farms	414	578	312	525	700	957	841	395
	$1,000	32 043	37 966	32 386	50 308	56 602	78 170	68 233	23 026
Poultry and poultry products	farms	32	29	10	19	24	44	36	13
	$1,000	5 089	(D)	282	(D)	737	230	641	23
Dairy products	farms	8	167	9	11	34	222	33	10
	$1,000	393	7 873	(D)	500	1 750	11 395	1 909	(D)
Cattle and calves	farms	265	440	137	371	549	883	646	301
	$1,000	7 294	11 109	12 821	29 439	24 175	41 032	27 195	7 566
Hogs and pigs	farms	244	351	208	326	427	534	466	224
	$1,000	18 805	17 374	18 622	19 322	29 511	24 590	38 186	14 022
Sheep, lambs, and wool	farms	72	37	67	51	91	52	89	58
	$1,000	298	305	185	(D)	301	117	266	329
Other livestock and livestock products (see text)	farms	26	15	7	17	24	36	23	13
	$1,000	166	(D)	(D)	281	130	805	37	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARMS AND LAND IN FARMS									
Land in farms	farms, 1987	967	929	773	1 574	608	1 110	487	382
	1982	1 135	1 078	952	1 747	726	1 257	560	469
	acres, 1987	284 785	308 359	324 953	591 372	231 150	327 199	190 037	171 601
	1982	311 634	324 770	334 665	606 541	244 624	345 442	201 953	189 056
Average size of farm	acres, 1987	295	332	420	376	380	295	390	449
	1982	275	301	352	347	337	275	361	403
Value of land and buildings[1]									
Average per farm	dollars, 1987	317 260	323 787	372 158	439 535	319 447	330 551	429 467	218 612
	1982	543 752	512 973	503 963	751 683	380 806	560 824	613 566	350 795
Average per acre	dollars, 1987	1 103	971	839	1 155	813	1 110	1 116	446
	1982	1 976	1 708	1 427	2 174	1 158	2 058	1 701	983
Total cropland	farms, 1987	926	891	741	1 515	578	1 071	469	362
	1982	1 101	1 036	918	1 687	701	1 210	543	451
	acres, 1987	252 659	256 695	269 237	557 320	182 282	289 173	162 538	126 759
	1982	269 668	262 526	273 890	559 924	165 660	300 143	168 778	133 065
Harvested cropland	farms, 1987	914	866	726	1 509	568	1 058	459	349
	1982	1 077	1 021	907	1 683	694	1 202	537	439
	acres, 1987	192 320	190 815	193 173	455 917	139 633	232 165	127 150	70 135
	1982	231 427	230 522	224 740	535 361	161 360	277 095	152 424	86 164
Irrigated land	farms, 1987	9	-	-	6	12	12	12	-
	1982	2	1	1	5	3	8	11	-
	acres, 1987	127	-	-	(D)	(D)	224	3 352	-
	1982	(D)	(D)	(D)	590	(D)	103	3 258	-
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1987	93 497	108 561	84 228	172 725	55 296	90 701	41 583	21 945
	1982	104 812	112 832	96 954	201 702	63 686	102 339	57 007	25 964
Average per farm	dollars, 1987	96 688	116 858	108 962	109 736	90 947	81 713	85 386	57 448
	1982	92 345	104 668	101 842	115 456	87 721	81 415	101 798	55 360
1987 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms	798	719	693	1 486	532	983	441	278
	$1,000	27 313	27 421	33 317	99 592	17 874	41 792	22 709	7 115
Grains	farms	762	705	687	1 480	522	957	437	267
	$1,000	26 158	26 823	32 912	99 056	17 080	39 198	21 653	6 882
Corn for grain	farms	644	648	624	1 419	427	858	404	229
	$1,000	15 565	17 993	19 919	50 440	8 037	22 221	12 601	3 684
Wheat	farms	12	10	25	4	90	19	21	2
	$1,000	(D)	(D)	(D)	(D)	131	(D)	(D)	(D)
Soybeans	farms	643	502	630	1 441	486	812	398	226
	$1,000	10 216	8 495	12 748	48 279	8 874	16 509	8 962	3 137
Sorghum for grain	farms	4	-	1	1	3	4	-	-
	$1,000	(D)	-	(D)	(D)	(D)	35	-	-
Barley	farms	-	-	-	1	-	-	-	-
	$1,000	-	-	-	(D)	-	-	-	-
Oats	farms	188	144	73	137	27	211	27	25
	$1,000	320	314	115	200	22	391	31	(D)
Other grains	farms	4	6	5	17	1	6	5	-
	$1,000	11	(D)	(D)	124	(D)	(D)	(D)	-
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-		-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	172	135	97	105	82	159	43	59
	$1,000	669	596	(D)	452	226	645	141	(D)
Vegetables, sweet corn, and melons	farms	11	1	-	6	7	18	7	2
	$1,000	(D)	(D)	-	84	88	420	387	(D)
Fruits, nuts, and berries	farms	22	1	2	-	4	7	4	-
	$1,000	119	(D)	(D)	-	(D)	(D)	(D)	-
Nursery and greenhouse crops	farms	7	2	-	-	3	14	1	-
	$1,000	171	(D)	-	-	363	1 390	(D)	-
Other crops	farms	4	-	-	-	3	4	4	-
	$1,000	(D)	-	-	-	(D)	(D)	391	-
Livestock, poultry, and their products	farms	770	772	625	883	488	774	318	349
	$1,000	66 184	81 140	50 911	73 132	37 422	48 910	18 874	14 830
Poultry and poultry products	farms	95	27	30	70	14	29	11	5
	$1,000	6 553	54	(D)	3 969	(D)	28	(D)	(D)
Dairy products	farms	121	133	8	67	31	105	4	8
	$1,000	4 761	7 119	424	3 324	2 449	(D)	278	(D)
Cattle and calves	farms	559	596	426	398	380	575	196	333
	$1,000	16 305	36 045	11 495	22 270	14 268	19 576	4 965	8 599
Hogs and pigs	farms	551	501	461	619	260	434	204	129
	$1,000	37 655	37 731	37 117	43 096	20 152	23 682	12 664	4 773
Sheep, lambs, and wool	farms	141	71	87	119	56	124	46	46
	$1,000	807	126	982	455	234	362	106	334
Other livestock and livestock products (see text)	farms	38	26	23	19	21	23	12	17
	$1,000	103	64	(D)	19	(D)	(D)	(D)	29

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
FARMS AND LAND IN FARMS									
Land in farms	farms, 1987	1 105	632	951	739	839	481	766	699
	1982	1 249	759	1 050	837	941	527	848	774
	acres, 1987	338 407	260 709	311 511	252 717	317 631	236 672	259 978	364 803
	1982	351 926	286 665	324 699	267 639	327 906	241 207	264 227	367 002
Average size of farm	acres, 1987	306	413	328	342	379	492	339	522
	1982	282	378	309	320	348	458	312	474
Value of land and buildings[1]:									
Average per farm	dollars, 1987	311 776	315 450	343 443	248 613	383 996	356 429	303 856	416 816
	1982	459 741	452 318	466 890	421 529	694 118	685 818	539 919	587 143
Average per acre	dollars, 1987	977	734	1 063	761	1 025	773	907	788
	1982	1 639	1 130	1 561	1 345	2 050	1 442	1 786	1 301
Total cropland	farms, 1987	1 022	603	900	699	790	466	708	673
	1982	1 172	720	1 000	795	899	513	812	755
	acres, 1987	309 216	192 924	266 215	206 475	284 810	212 974	239 981	313 707
	1982	314 827	205 389	274 922	208 447	290 228	212 788	237 419	310 497
Harvested cropland	farms, 1987	1 011	588	888	677	778	463	702	664
	1982	1 160	714	980	776	887	504	803	752
	acres, 1987	247 410	128 050	206 407	146 658	214 694	166 253	188 605	238 373
	1982	291 921	154 226	233 176	162 731	261 396	190 936	222 734	278 823
Irrigated land	farms, 1987	16	1	3	8	6	4	5	89
	1982	12	-	2	5	6	6	3	72
	acres, 1987	1 339	(D)	(D)	(D)	(D)	771	(D)	(D)
	1982	(D)	-	(D)	64	(D)	1 845	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1987	135 074	55 646	110 686	62 184	89 384	54 466	95 483	74 322
	1982	143 622	54 879	115 344	70 424	98 602	62 591	95 273	91 807
Average per farm	dollars, 1987	122 239	88 048	116 389	84 146	106 537	113 235	124 652	106 326
	1982	114 989	72 305	109 852	84 139	104 785	118 769	112 350	118 614
1987 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms	962	540	855	637	756	455	662	645
	$1,000	38 538	20 605	35 316	25 515	49 306	31 252	33 533	42 775
Grains	farms	952	530	846	623	742	450	660	641
	$1,000	37 851	20 031	34 226	23 389	47 755	31 011	32 976	42 343
Corn for grain	farms	837	471	706	535	695	417	602	615
	$1,000	17 804	9 994	18 175	12 209	28 790	16 133	18 117	24 126
Wheat	farms	5	4	4	13	8	24	17	28
	$1,000	(D)	(D)	(D)	(D)	(D)	55	(D)	79
Soybeans	farms	907	480	776	568	681	427	611	569
	$1,000	19 645	9 883	15 839	11 021	18 740	14 669	14 390	17 417
Sorghum for grain	farms	-	-	-	-	-	1	-	2
	$1,000	-	-	-	-	-	(D)	-	(D)
Barley	farms	1	-	-	-	2	-	2	1
	$1,000	(D)	-	-	-	(D)	-	(D)	(D)
Oats	farms	193	44	145	98	107	18	172	59
	$1,000	391	134	203	139	150	(D)	363	123
Other grains	farms	1	3	2	1	7	5	12	41
	$1,000	(D)	(D)	(D)	(D)	53	(D)	78	(D)
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	157	112	130	104	112	46	83	57
	$1,000	653	494	383	307	297	197	333	194
Vegetables, sweet corn, and melons	farms	5	3	4	3	5	1	6	2
	$1,000	22	(D)	(D)	1	(D)	(D)	224	(D)
Fruits, nuts, and berries	farms	2	1	2	2	-	2	-	-
	$1,000	(D)	(D)	(D)	(D)	-	(D)	-	-
Nursery and greenhouse crops	farms	2	1	3	7	6	3	-	-
	$1,000	(D)	(D)	(D)	(D)	(D)	(D)	-	-
Other crops	farms	-	-	3	3	-	1	-	1
	$1,000	-	-	(D)	(D)	-	(D)	-	(D)
Livestock, poultry, and their products	farms	871	547	739	590	536	283	563	382
	$1,000	96 536	35 042	75 370	36 669	40 078	23 214	61 950	31 547
Poultry and poultry products	farms	41	15	35	26	19	11	52	10
	$1,000	64	(D)	1 449	817	552	(D)	5 291	7
Dairy products	farms	126	5	40	34	13	3	105	6
	$1,000	(D)	(D)	1 836	(D)	(D)	117	(D)	167
Cattle and calves	farms	647	495	515	437	381	219	325	291
	$1,000	50 235	11 694	27 084	10 633	16 990	14 472	21 571	20 134
Hogs and pigs	farms	580	255	499	357	284	145	375	222
	$1,000	39 823	12 663	44 616	23 134	21 159	8 532	29 570	11 068
Sheep, lambs, and wool	farms	85	59	61	43	82	22	53	35
	$1,000	556	334	350	187	380	81	146	160
Other livestock and livestock products (see text)	farms	17	12	20	16	21	5	19	7
	$1,000	(D)	(D)	35	(D)	(D)	(D)	(D)	11

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
FARMS AND LAND IN FARMS								
Land in farms farms, 1987	437	559	612	1 111	660	768	831	1 471
1982	476	622	743	1 221	752	840	931	1 624
acres, 1987	189 415	237 747	218 787	357 871	228 232	319 448	338 457	503 707
1982	193 111	245 571	228 597	358 365	243 601	319 955	341 304	505 797
Average size of farm acres, 1987	433	425	357	322	346	416	407	342
1982	406	395	308	294	324	381	367	311
Value of land and buildings[1]								
Average per farm dollars, 1987	184 871	290 196	388 780	397 637	374 950	259 916	418 668	334 062
1982	268 015	511 141	593 774	594 762	598 629	410 613	712 805	510 102
Average per acre dollars, 1987	398	674	1 124	1 196	1 059	616	1 091	1 049
1982	753	1 353	1 798	2 023	1 790	1 104	2 109	1 678
Total cropland farms, 1987	420	541	595	1 040	627	749	803	1 402
1982	463	599	727	1 136	724	820	904	1 556
acres, 1987	125 983	210 628	189 678	328 298	214 550	271 682	317 270	453 169
1982	131 744	214 775	191 137	324 812	225 753	272 842	315 163	444 545
Harvested cropland farms, 1987	409	527	587	1 026	626	738	800	1 378
1982	453	594	720	1 134	718	803	902	1 544
acres, 1987	88 487	157 215	147 932	267 338	177 150	196 444	250 114	354 467
1982	79 633	179 100	173 339	309 313	211 946	216 772	298 570	405 382
Irrigated land farms, 1987	2	1	28	4	10	7	29	13
1982	-	1	23	1	13	3	22	17
acres, 1987	(D)	(D)	3 142	8	(D)	1 928	(D)	(D)
1982	-	(D)	2 763	(D)	1 743	(D)	3 734	2 987
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1987	26 288	53 587	53 264	156 183	74 123	71 719	91 239	182 500
1982	27 937	63 566	70 726	164 892	87 918	79 244	106 149	189 656
Average per farm dollars, 1987	60 155	95 862	87 032	140 579	112 307	93 385	109 795	124 065
1982	58 691	102 196	95 190	135 046	116 912	94 338	114 016	116 783
1987 sales by commodity or commodity group								
Crops, including nursery and greenhouse crops farms	340	509	545	1 013	616	718	787	1 320
$1,000	6 657	28 393	24 280	52 684	34 917	36 311	52 391	53 928
Grains farms	321	506	533	1 009	611	708	786	1 307
$1,000	6 257	26 003	22 365	52 361	34 404	28 904	52 100	52 975
Corn for grain farms	257	456	469	929	572	626	752	1 126
$1,000	2 959	13 262	12 302	25 384	16 135	12 842	25 589	25 947
Wheat farms	6	11	23	3	3	53	1	12
$1,000	9	(D)	54	4	(D)	110	(D)	(D)
Soybeans farms	273	493	494	969	601	687	766	1 215
$1,000	3 201	12 631	9 841	26 743	18 081	15 750	26 268	26 007
Sorghum for grain farms	-	-	1	-	-	1	-	-
$1,000	-	-	(D)	-	-	(D)	-	-
Barley farms	1	-	2	-	-	-	-	-
$1,000	(D)	-	(D)	-	-	-	-	-
Oats farms	22	37	83	154	96	38	85	287
$1,000	34	(D)	158	223	(D)	53	156	726
Other grains farms	2	2	5	3	6	5	5	25
$1,000	(D)	(D)	7	8	47	(D)	(D)	(D)
Cotton and cottonseed farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Tobacco farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds farms	88	84	74	91	86	93	50	178
$1,000	(D)	(D)	236	284	413	195	207	829
Vegetables, sweet corn, and melons farms	-	-	25	3	4	1	2	2
$1,000	-	-	1 177	(D)	(D)	(D)	(D)	(D)
Fruits, nuts, and berries farms	1	-	1	2	1	1	-	2
$1,000	(D)	-	(D)	(D)	(D)	(D)	-	(D)
Nursery and greenhouse crops farms	1	1	7	1	3	4	1	2
$1,000	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other crops farms	-	-	10	-	-	-	-	-
$1,000	-	-	(D)	-	-	-	-	-
Livestock, poultry, and their products farms	394	415	420	742	442	584	456	1 158
$1,000	19 631	25 194	28 984	103 519	39 205	35 408	38 848	128 572
Poultry and poultry products farms	5	17	19	34	24	23	25	53
$1,000	3	14	23	(D)	(D)	20	(D)	1 587
Dairy products farms	22	7	29	57	56	8	22	41
$1,000	(D)	397	2 182	1 969	2 055	(D)	870	2 209
Cattle and calves farms	376	327	292	383	281	509	202	725
$1,000	11 967	13 202	9 666	56 155	17 746	19 199	13 126	59 910
Hogs and pigs farms	140	234	257	555	265	302	350	846
$1,000	6 504	11 464	16 876	44 208	18 328	15 469	23 577	63 659
Sheep, lambs, and wool farms	37	32	71	76	52	37	52	84
$1,000	140	75	208	326	294	125	298	(D)
Other livestock and livestock products (see text) farms	20	6	15	14	3	19	12	20
$1,000	(D)	42	29	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
FARMS AND LAND IN FARMS								
Land in farms .... farms, 1987..	892	580	1 241	833	504	934	732	1 032
1982..	1 027	705	1 417	955	601	1 043	861	1 159
acres, 1987..	343 527	223 191	525 606	322 040	258 919	355 454	222 385	344 039
1982..	354 884	229 920	537 996	346 061	294 106	355 669	231 983	349 869
Average size of farm .... acres, 1987..	385	385	424	387	514	381	304	333
1982..	346	326	380	362	489	341	269	302
Value of land and buildings[1]:								
Average per farm .... dollars, 1987..	438 848	471 210	371 643	348 607	238 844	390 742	439 339	305 940
1982..	756 078	628 620	540 107	597 323	407 502	673 265	693 828	377 745
Average per acre .... dollars, 1987..	1 122	1 125	879	915	486	1 070	1 470	910
1982..	2 173	2 034	1 402	1 731	843	1 912	2 532	1 350
Total cropland .... farms, 1987..	864	550	1 188	798	484	891	712	974
1982..	996	674	1 358	921	585	996	830	1 104
acres, 1987..	325 622	203 647	476 178	285 886	206 238	318 967	204 827	317 486
1982..	327 728	204 817	480 422	298 568	233 006	321 474	209 901	315 713
Harvested cropland .... farms, 1987..	856	540	1 179	782	464	885	701	954
1982..	994	664	1 337	907	574	988	823	1 093
acres, 1987..	263 301	162 967	373 783	208 407	114 164	257 355	162 953	242 021
1982..	315 920	189 280	425 800	249 441	152 736	299 987	199 122	280 897
Irrigated land .... farms, 1987..	4	10	16	2	-	8	10	1
1982..	1	5	12	1	-	5	13	-
acres, 1987..	(D)	(D)	(D)	(D)	-	707	182	(D)
1982..	(D)	(D)	(D)	(D)	-	791	(D)	-
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) .... $1,000, 1987..	93 659	54 099	147 181	80 248	37 788	129 580	80 668	107 992
1982..	112 321	58 028	186 940	90 028	41 133	147 769	97 801	114 475
Average per farm .... dollars, 1987..	104 999	93 274	118 598	96 336	74 976	138 737	110 202	104 644
1982..	109 368	82 309	131 927	94 270	68 441	141 677	113 589	98 770
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops .... farms..	854	525	1 146	752	407	867	673	931
$1,000..	51 878	38 904	71 915	35 873	12 716	45 763	31 925	44 099
Grains .... farms..	851	508	1 129	746	403	862	656	927
$1,000..	51 651	35 809	69 285	35 272	12 398	45 176	29 747	43 423
Corn for grain .... farms..	818	485	1 044	673	331	753	596	868
$1,000..	26 188	19 211	38 327	19 222	5 560	21 218	20 838	25 426
Wheat .... farms..	-	3	34	5	9	3	6	3
$1,000..	-	(D)	117	19	(D)	7	(D)	(D)
Soybeans .... farms..	829	475	1 040	693	374	836	553	843
$1,000..	25 359	16 498	30 495	15 563	6 744	23 276	8 733	17 496
Sorghum for grain .... farms..	-	-	1	-	-	-	-	-
$1,000..	-	-	(D)	-	-	-	-	-
Barley .... farms..	-	-	-	-	-	3	-	1
$1,000..	-	-	-	-	-	(D)	-	(D)
Oats .... farms..	74	47	136	208	20	124	107	204
$1,000..	(D)	69	312	411	60	(D)	156	377
Other grains .... farms..	2	2	7	6	3	39	1	15
$1,000..	(D)	(D)	(D)	56	(D)	354	(D)	117
Cotton and cottonseed .... farms..	-	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-	-
Tobacco .... farms..	-	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-	-
Hay, silage, and field seeds .... farms..	52	56	150	137	70	77	97	125
$1,000..	(D)	236	609	543	(D)	336	391	385
Vegetables, sweet corn, and melons .... farms..	-	7	8	2	1	1	10	2
$1,000..	-	256	(D)	(D)	(D)	(D)	188	(D)
Fruits, nuts, and berries .... farms..	-	3	4	-	-	1	4	1
$1,000..	-	(D)	(D)	-	-	(D)	25	(D)
Nursery and greenhouse crops .... farms..	2	15	7	1	-	2	9	2
$1,000..	(D)	2 533	1 753	(D)	-	(D)	1 574	(D)
Other crops .... farms..	-	2	-	-	-	-	-	-
$1,000..	-	(D)	-	-	-	-	-	-
Livestock, poultry, and their products .... farms..	443	302	852	677	448	630	516	776
$1,000..	41 781	15 194	75 266	44 375	25 072	63 817	48 743	63 893
Poultry and poultry products .... farms..	20	13	40	16	6	30	25	29
$1,000..	2 345	824	250	(D)	3	2 609	(D)	(D)
Dairy products .... farms..	7	11	13	27	11	22	39	23
$1,000..	329	440	424	1 467	638	1 543	3 911	742
Cattle and calves .... farms..	194	190	661	555	419	335	336	570
$1,000..	14 452	5 624	49 377	19 059	14 499	38 199	18 212	31 768
Hogs and pigs .... farms..	309	143	477	369	203	439	327	494
$1,000..	24 391	7 909	24 734	23 056	9 777	40 850	25 653	30 437
Sheep, lambs, and wool .... farms..	37	38	69	81	32	87	70	46
$1,000..	239	154	202	439	132	565	130	(D)
Other livestock and livestock products (see text) .... farms..	10	21	21	18	16	13	21	22
$1,000..	26	245	279	(D)	23	51	(D)	252

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
FARMS AND LAND IN FARMS									
Land in farms	farms, 1987	1 780	885	1 115	564	460	490	492	692
	1982	1 904	982	1 230	660	538	580	555	783
	acres, 1987	463 499	317 648	398 211	268 275	214 934	211 818	179 563	261 102
	1982	464 034	327 532	404 206	272 417	217 250	240 471	191 784	282 870
Average size of farm	acres, 1987	260	359	357	476	467	432	365	377
	1982	244	334	329	413	404	415	346	361
Value of land and buildings[1]: Average per farm	dollars, 1987	307 724	436 310	346 161	218 667	246 385	222 861	235 542	277 842
	1982	474 743	741 277	593 393	406 152	405 667	416 341	491 117	505 840
Average per acre	dollars, 1987	1 152	1 228	986	497	531	519	711	757
	1982	2 011	2 266	1 770	963	1 098	970	1 334	1 349
Total cropland	farms, 1987	1 551	834	1 058	540	437	483	469	668
	1982	1 728	948	1 189	647	522	564	541	755
	acres, 1987	431 566	296 184	355 135	213 644	164 728	149 109	144 952	208 489
	1982	425 903	301 454	346 226	217 047	164 264	166 423	154 862	218 874
Harvested cropland	farms, 1987	1 521	830	1 048	529	425	466	460	650
	1982	1 712	939	1 175	637	510	560	537	734
	acres, 1987	348 441	238 547	269 658	135 383	96 337	99 794	108 091	143 508
	1982	403 696	284 105	304 270	158 282	115 243	123 419	121 315	169 521
Irrigated land	farms, 1987	55	12	3	-	2	1	1	3
	1982	54	5	2	2	2	-	1	2
	acres, 1987	8 534	301	(D)	-	(D)	(D)	(D)	(D)
	1982	8 959	(D)	(D)	(D)	(D)	-	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1987	347 494	100 804	104 469	39 509	38 741	31 746	34 093	52 631
	1982	323 113	108 613	113 217	42 521	38 032	38 200	40 033	58 280
Average per farm	dollars, 1987	195 222	113 903	93 694	70 052	84 220	64 787	69 296	76 056
	1982	169 702	110 604	92 046	64 425	70 691	65 863	72 131	74 432
1987 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms	1 409	811	1 003	502	387	424	402	579
	$1,000	54 574	54 703	54 241	17 996	12 685	13 086	16 436	22 206
Grains	farms	1 392	801	998	497	379	410	389	565
	$1,000	52 246	53 076	53 559	17 594	12 356	12 585	15 944	21 500
Corn for grain	farms	1 158	757	936	415	336	330	333	497
	$1,000	27 385	27 645	31 348	8 450	6 413	6 088	7 902	11 588
Wheat	farms	7	6	5	21	7	29	4	9
	$1,000	21	(D)	(D)	56	(D)	42	(D)	(D)
Soybeans	farms	1 266	766	912	477	350	390	374	499
	$1,000	24 319	25 342	21 987	9 019	5 834	6 422	7 997	9 694
Sorghum for grain	farms	-	-	-	2	-	-	1	1
	$1,000	-	-	-	(D)	-	-	(D)	(D)
Barley	farms	-	-	2	-	1	-	-	-
	$1,000	-	-	(D)	-	(D)	-	-	-
Oats	farms	239	39	169	35	46	25	33	54
	$1,000	498	66	208	64	52	(D)	28	60
Other grains	farms	6	3	1	2	4	2	1	5
	$1,000	23	(D)	(D)	(D)	35	(D)	(D)	49
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	242	74	166	87	65	108	73	122
	$1,000	1 047	277	643	402	247	342	341	487
Vegetables, sweet corn, and melons	farms	2	7	4	-	2	5	1	3
	$1,000	(D)	49	(D)	-	(D)	9	(D)	(D)
Fruits, nuts, and berries	farms	2	4	3	-	-	4	-	2
	$1,000	(D)	25	(D)	-	-	(D)	-	(D)
Nursery and greenhouse crops	farms	1	7	2	-	1	2	3	3
	$1,000	(D)	(D)	(D)	-	(D)	(D)	(D)	179
Other crops	farms	1	1	-	-	-	2	-	-
	$1,000	(D)	(D)	-	-	-	(D)	-	-
Livestock, poultry, and their products	farms	1 421	465	829	453	404	400	360	548
	$1,000	292 920	46 100	50 228	21 513	26 056	18 660	17 657	30 425
Poultry and poultry products	farms	75	30	63	11	9	13	6	16
	$1,000	7 095	2 966	1 180	(D)	7	(D)	(D)	(D)
Dairy products	farms	177	12	49	6	8	21	14	27
	$1,000	14 161	1 242	(D)	201	(D)	(D)	(D)	(D)
Cattle and calves	farms	874	236	593	405	365	350	297	480
	$1,000	172 753	17 529	18 287	10 349	11 520	6 620	7 824	11 559
Hogs and pigs	farms	1 033	268	465	207	166	182	159	253
	$1,000	90 857	23 937	27 845	10 469	7 383	11 017	8 832	16 345
Sheep, lambs, and wool	farms	141	60	109	35	47	88	35	34
	$1,000	7 895	186	364	256	(D)	300	112	41
Other livestock and livestock products (see text)	farms	32	29	24	13	11	26	6	23
	$1,000	159	241	(D)	(D)	63	118	14	572

See footnotes at end of table.

able 16. Farms With Sales of $10,000 or More: 1987 and 1982—Con.

ata for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
ARMS AND LAND IN FARMS									
nd in farms	farms, 1987	931	512	1 034	635	1 308	1 021	540	796
	1982	1 020	616	1 146	731	1 449	1 227	663	927
	acres, 1987	310 528	2[illegible] 325	407 277	237 374	352 714	432 885	215 376	341 137
	1982	329 711	269 185	411 238	242 322	385 292	462 903	229 605	358 608
Average size of farm	acres, 1987	334	495	394	374	270	424	399	429
	1982	323	437	359	331	266	377	346	387
alue of land and buildings[1]:									
Average per farm	dollars, 1987	318 815	221 006	506 516	420 514	223 874	321 505	379 322	554 328
	1982	589 216	386 623	761 317	575 629	384 988	474 363	674 900	819 206
Average per acre	dollars, 1987	1 032	466	1 288	1 124	847	757	1 025	1 232
	1982	1 844	883	2 150	1 825	1 340	1 233	1 990	2 234
otal cropland	farms, 1987	878	496	992	618	1 247	969	515	779
	1982	969	594	1 100	706	1 392	1 188	637	901
	acres, 1987	271 092	198 610	378 029	220 632	285 437	385 822	200 587	320 919
	1982	278 599	210 487	375 351	222 055	302 276	405 710	210 622	330 034
Harvested cropland	farms, 1987	865	479	986	613	1 211	950	505	773
	1982	954	583	1 095	697	1 376	1 155	633	898
	acres, 1987	201 807	109 739	308 203	175 330	213 328	273 011	155 506	259 133
	1982	244 088	146 164	359 905	209 131	256 448	354 617	196 916	319 009
rigated land	farms, 1987	2	-	3	1	2	24	2	2
	1982	5	1	3	-	2	26	6	1
	acres, 1987	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
	1982	(D)	(D)	(D)	-	(D)	(D)	399	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1987	112 246	33 741	111 340	57 088	119 210	126 119	55 479	84 645
	1982	133 371	38 084	123 910	67 084	116 414	144 717	67 896	108 161
Average per farm	dollars, 1987	120 564	65 900	107 679	89 902	91 139	123 525	102 740	106 337
	1982	130 756	61 825	108 124	91 770	80 341	117 944	102 407	116 679
1987 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms	799	418	983	593	926	888	494	769
	$1,000	3[illegible] 596	14 116	71 311	36 325	20 592	47 229	31 721	58 517
Grains	farms	785	409	977	581	885	877	492	769
	$1,000	31 513	13 628	70 812	35 923	18 421	46 082	31 382	58 375
Corn for grain	farms	658	351	938	549	785	809	467	737
	$1,000	17 921	6 949	34 854	20 646	14 337	28 889	17 414	30 230
Wheat	farms	42	17	3	2	3	14	-	2
	$1,000	70	27	(D)	(D)	(D)	(D)	-	(D)
Soybeans	farms	704	372	957	553	376	708	471	742
	$1,000	13 374	6 630	35 847	15 127	3 513	16 247	13 836	28 022
Sorghum for grain	farms	1	-	-	-	-	-	-	-
	$1,000	(D)	-	-	-	-	-	-	-
Barley	farms	-	1	-	-	15	1	-	-
	$1,000	-	(D)	-	-	(D)	(D)	-	-
Oats	farms	105	22	55	79	312	149	74	57
	$1,000	144	(D)	(D)	(D)	539	392	105	(D)
Other grains	farms	3	-	4	-	1	34	3	-
	$1,000	(D)	-	(D)	-	(D)	506	28	-
Cotton and cottonseed	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Tobacco	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds	farms	98	99	52	66	301	127	62	45
	$1,000	357	(D)	132	328	2 109	595	153	136
Vegetables, sweet corn, and melons	farms	6	1	6	6	2	2	2	2
	$1,000	(D)	(D)	24	61	(D)	(D)	(D)	(D)
Fruits, nuts, and berries	farms	5	-	1	2	2	-	-	-
	$1,000	3	-	(D)	(D)	(D)	-	-	-
Nursery and greenhouse crops	farms	2	-	4	1	1	4	1	1
	$1,000	(D)	-	(D)	(D)	(D)	(D)	(D)	(D)
Other crops	farms	-	-	1	-	-	-	1	-
	$1,000	-	-	(D)	-	-	-	(D)	-
Livestock, poultry, and their products	farms	745	433	430	335	1 220	695	338	337
	$1,000	79 650	19 625	40 029	20 763	98 618	78 891	23 758	26 128
Poultry and poultry products	farms	70	2	16	11	45	29	11	19
	$1,000	8 985	(D)	(D)	(D)	2 717	2 377	1 856	1 345
Dairy products	farms	46	18	5	47	562	11	27	9
	$1,000	(D)	784	296	1 742	35 052	281	(D)	334
Cattle and calves	farms	423	406	187	144	1 089	502	193	139
	$1,000	11 778	11 636	5 031	3 673	26 023	49 281	6 781	8 856
Hogs and pigs	farms	565	158	256	240	694	418	229	208
	$1,000	56 418	7 019	19 564	15 113	34 062	25 507	13 691	15 183
Sheep, lambs, and wool	farms	109	40	45	46	81	51	47	58
	$1,000	697	161	153	119	414	252	107	141
Other livestock and livestock products (see text)	farms	40	20	19	9	36	28	6	18
	$1,000	(D)	(D)	(D)	(D)	351	1 193	(D)	268

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		42 117	347	226	67	155	335	672
Field crops, except cash grains (013)		204	-	1	10	5	-	1
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-		-
Sugarcane and sugar beets; irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		204	-	1	10	5	-	1
Vegetables and melons (016)		79	-	-	-	-	-	2
Fruits and tree nuts (017)		46	-	-	1	-	-	1
Horticultural specialties (018)		192	-	-	2	1	-	2
General farms, primarily crop (019)		465	6	3	7	5	4	2
Livestock, except dairy, poultry, and animal specialties (021)		33 596	401	279	395	326	353	450
Beef cattle, except feedlots (0212)		4 624	71	67	100	221	35	36
Dairy farms (024)		4 136	9	4	355	18	6	28
Poultry and eggs (025)		400	-	-	1	-	2	4
Animal specialties (027)		209	1	-	3	1	3	1
General farms, primarily livestock and animal specialties (029)		1 167	8	4	25	-	3	17
FARMS BY SIZE								
1 to 9 acres	1987	3 645	26	20	37	10	37	45
	1982	3 382	26	14	24	6	19	45
10 to 49 acres	1987	2 449	15	3	16	10	22	35
	1982	3 003	19	12	17	17	35	29
50 to 69 acres	1987	1 099	11	5	7	4	7	20
	1982	1 470	9	5	12	8	10	18
70 to 99 acres	1987	3 985	21	22	28	22	33	56
	1982	5 117	44	12	33	20	39	58
100 to 139 acres	1987	5 238	46	19	54	35	47	67
	1982	6 386	43	35	49	27	57	80
140 to 179 acres	1987	9 182	80	35	94	43	71	140
	1982	11 068	97	50	100	35	107	167
180 to 219 acres	1987	5 967	45	34	83	54	51	97
	1982	7 356	63	45	101	48	52	101
220 to 259 acres	1987	6 759	64	40	85	42	50	109
	1982	8 530	80	44	93	48	62	156
260 to 499 acres	1987	24 800	235	163	313	148	236	354
	1982	29 306	287	196	336	161	276	429
500 to 999 acres	1987	15 793	176	144	112	110	122	214
	1982	14 800	186	164	146	121	112	204
1,000 to 1,999 acres	1987	3 393	43	30	35	30	25	41
	1982	2 787	39	19	34	21	21	33
2,000 acres or more	1987	321	10	2	2	3	5	2
	1982	307	3	2	2	2	4	1
TENURE OF OPERATOR								
Full owners	farms, 1987	30 177	322	229	449	266	271	385
	1982	35 753	394	260	492	252	337	479
	acres, 1987	6 820 684	81 959	71 968	125 060	77 503	57 634	82 766
	1982	8 428 185	103 445	84 295	148 903	81 717	83 443	114 522
Part owners	farms, 1987	33 211	327	209	290	183	274	454
	1982	36 482	349	215	324	200	276	518
	acres, 1987	17 068 588	208 324	120 356	132 438	104 021	147 543	218 945
	1982	16 944 527	190 506	107 424	143 410	97 444	145 170	232 999
Tenants	farms, 1987	19 243	123	79	127	62	161	341
	1982	21 277	153	123	131	62	181	324
	acres, 1987	6 268 927	47 067	33 777	40 542	24 114	52 896	105 457
	1982	6 013 582	48 623	50 359	41 062	21 374	49 791	83 267
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1987	63 692	603	407	725	404	527	912
	1982	72 295	716	462	805	388	606	1 018
Not on farm operated	1987	14 906	142	95	106	82	137	210
	1982	13 713	132	81	90	85	116	191
Not reported	1987	4 033	27	15	35	25	42	58
	1982	7 504	48	55	52	41	72	112
Operators by principal occupation:								
Farming	1987	67 738	648	421	776	399	582	932
	1982	79 106	772	527	858	400	691	1 085
Other	1987	14 893	124	96	90	112	124	248
	1982	14 406	124	71	91	114	103	236
Operators by days of work off farm:								
None	1987	45 847	434	256	584	278	410	647
	1982	50 846	495	316	598	253	434	729
Any	1987	30 921	271	219	227	189	246	450
	1982	33 166	325	200	254	205	265	470
1 to 49 days	1987	8 561	92	69	72	29	71	117
	1982	11 829	139	66	110	48	100	157
50 to 99 days	1987	2 947	26	30	19	15	21	31
	1982	2 921	27	30	15	11	31	49
100 to 149 days	1987	2 655	13	22	22	20	27	39
	1982	2 418	20	21	15	12	18	31

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	581	581	389	517	582	539	664
Field crops, except cash grains (013)	2	4	1	1	-	1	2
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	2	4	1	1	-	1	2
Vegetables and melons (016)	3	1	-	3	-	5	-
Fruits and tree nuts (017)	1	-	-	-	-	-	-
Horticultural specialties (018)	11	4	1	1	-	1	-
General farms, primarily crop (019)	3	2	5	9	3	6	-
Livestock, except dairy, poultry, and animal specialties (021)	285	191	248	408	356	423	190
Beef cattle, except feedlots (0212)	12	10	14	9	6	23	8
Dairy farms (024)	34	7	160	104	3	42	2
Poultry and eggs (025)	9	5	3	4	21	7	4
Animal specialties (027)	5	1	2	2	2	2	2
General farms, primarily livestock and animal specialties (029)	25	1	40	46	6	39	1
FARMS BY SIZE							
1 to 9 acres 1987	57	21	48	39	47	57	28
1982	54	30	36	36	41	64	30
10 to 49 acres 1987	48	23	34	52	19	45	13
1982	47	31	30	43	24	60	28
50 to 69 acres 1987	21	10	23	21	5	8	5
1982	31	13	26	41	4	21	12
70 to 99 acres 1987	92	53	49	97	42	53	50
1982	115	47	108	83	52	72	57
100 to 139 acres 1987	65	57	112	140	39	85	41
1982	93	74	138	138	52	104	68
140 to 179 acres 1987	136	71	125	162	131	146	92
1982	137	98	141	167	156	173	103
180 to 219 acres 1987	69	55	78	70	44	81	50
1982	77	80	112	101	52	93	64
220 to 259 acres 1987	56	49	79	68	85	118	61
1982	79	53	85	90	114	147	80
260 to 499 acres 1987	230	230	205	248	326	294	288
1982	242	291	238	306	384	355	370
500 to 999 acres 1987	151	179	78	163	205	155	202
1982	135	169	74	118	179	104	179
1,000 to 1,999 acres 1987	33	45	18	34	28	23	32
1982	22	32	9	28	20	19	27
2,000 acres or more 1987	1	4	-	1	2	-	3
1982	4	3	2	3	1	2	1
TENURE OF OPERATOR							
Full owners farms, 1987	364	235	334	460	271	383	230
1982	435	271	455	498	302	502	253
acres, 1987	57 188	51 001	53 448	85 569	57 805	71 711	45 330
1982	74 942	58 968	76 918	95 833	68 738	97 425	54 012
Part owners farms, 1987	388	376	305	375	420	422	389
1982	394	440	350	423	484	413	426
acres, 1987	178 530	208 689	125 832	177 696	210 857	180 793	203 107
1982	175 751	202 979	123 556	176 029	208 360	161 130	193 086
Tenants farms, 1987	207	186	210	260	282	260	246
1982	207	210	194	233	293	299	340
acres, 1987	59 973	64 679	44 008	63 418	84 930	67 921	88 026
1982	45 505	60 472	39 058	52 950	78 836	68 931	99 539
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated 1987	734	614	685	848	748	874	631
1982	796	705	817	925	828	950	720
Not on farm operated 1987	181	158	128	195	179	141	184
1982	162	153	116	159	183	169	176
Not reported 1987	44	25	36	52	46	50	50
1982	78	63	66	70	68	95	123
Operators by principal occupation:							
Farming 1987	672	640	641	895	825	872	746
1982	720	758	765	958	930	979	889
Other 1987	287	157	208	200	148	193	119
1982	316	163	234	196	149	235	130
Operators by days of work off farm:							
None 1987	446	447	444	586	552	591	451
1982	469	505	467	601	633	627	540
Any 1987	463	315	348	449	354	395	346
1982	492	327	451	453	348	476	347
1 to 49 days 1987	97	87	65	128	124	107	103
1982	99	107	129	134	138	167	144
50 to 99 days 1987	35	26	22	42	31	45	44
1982	28	30	32	38	28	32	36
100 to 149 days 1987	29	29	24	39	28	38	53
1982	35	22	35	34	31	34	34

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	527	419	473	531	494	379	127
Field crops, except cash grains (013)	-	1	6	2	-	1	4
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	-	1	6	2	-	1	4
Vegetables and melons (016)	-	-	-	-	-	-	-
Fruits and tree nuts (017)	-	-	2	1	-	-	-
Horticultural specialties (018)	2	1	1	2	1	-	-
General farms, primarily crop (019)	2	6	2	3	1	5	1
Livestock, except dairy, poultry, and animal specialties (021)	636	331	460	190	412	298	310
Beef cattle, except feedlots (0212)	29	53	28	5	28	25	113
Dairy farms (024)	5	8	14	10	15	91	3
Poultry and eggs (025)	2	1	1	8	1	5	-
Animal specialties (027)	1	-	1	3	1	3	-
General farms, primarily livestock and animal specialties (029)	5	6	8	3	14	42	2
FARMS BY SIZE							
1 to 9 acres, 1987	82	34	41	28	47	30	13
1 to 9 acres, 1982	67	28	47	39	55	39	3
10 to 49 acres, 1987	36	19	25	27	24	27	7
10 to 49 acres, 1982	48	21	36	35	34	31	9
50 to 69 acres, 1987	12	3	9	9	7	16	5
50 to 69 acres, 1982	18	14	23	13	5	18	7
70 to 99 acres, 1987	39	26	47	40	41	52	14
70 to 99 acres, 1982	53	25	71	51	49	56	24
100 to 139 acres, 1987	93	42	58	32	43	63	16
100 to 139 acres, 1982	91	50	93	51	57	87	27
140 to 179 acres, 1987	144	78	130	68	93	100	31
140 to 179 acres, 1982	194	84	159	85	129	124	42
180 to 219 acres, 1987	87	49	75	37	67	76	25
180 to 219 acres, 1982	125	68	98	61	94	91	31
220 to 259 acres, 1987	124	73	67	56	75	67	38
220 to 259 acres, 1982	138	102	96	60	89	78	48
260 to 499 acres, 1987	364	221	309	226	341	253	150
260 to 499 acres, 1982	392	272	334	268	383	265	167
500 to 999 acres, 1987	174	176	179	186	170	118	116
500 to 999 acres, 1982	134	182	141	141	151	98	123
1,000 to 1,999 acres, 1987	25	47	27	39	31	20	28
1,000 to 1,999 acres, 1982	19	32	32	42	18	30	22
2,000 acres or more, 1987	-	5	1	5	-	2	4
2,000 acres or more, 1982	1	6	-	8	-	3	3
TENURE OF OPERATOR							
Full owners, farms, 1987	409	270	358	214	273	337	198
Full owners, farms, 1982	484	318	457	292	368	408	242
Full owners, acres, 1987	71 898	62 335	73 003	49 106	61 931	76 912	65 575
Full owners, acres, 1982	97 953	83 775	95 581	72 207	87 796	83 493	75 863
Part owners, farms, 1987	457	320	369	336	392	319	193
Part owners, farms, 1982	452	354	410	379	413	343	183
Part owners, acres, 1987	193 131	193 170	177 999	184 326	187 709	140 814	113 571
Part owners, acres, 1982	172 130	184 970	178 871	194 402	173 141	152 169	106 234
Tenants, farms, 1987	314	183	241	203	274	168	56
Tenants, farms, 1982	344	212	263	203	283	169	81
Tenants, acres, 1987	95 966	68 223	84 786	78 794	82 329	44 410	22 173
Tenants, acres, 1982	88 916	67 423	67 583	55 756	72 212	41 879	28 822
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated, 1987	885	571	761	541	735	647	364
On farm operated, 1982	975	678	892	632	837	712	405
Not on farm operated, 1987	218	172	171	168	151	133	64
Not on farm operated, 1982	183	133	147	159	136	124	74
Not reported, 1987	77	30	36	44	53	44	19
Not reported, 1982	122	73	91	83	91	84	27
Operators by principal occupation:							
Farming, 1987	1 008	636	829	611	798	667	384
Farming, 1982	1 114	765	985	713	953	752	421
Other, 1987	172	137	139	142	141	157	63
Other, 1982	166	119	145	161	111	168	85
Operators by days of work off farm:							
None, 1987	676	452	576	424	557	475	243
None, 1982	713	513	685	460	606	483	266
Any, 1987	437	262	326	279	324	298	165
Any, 1982	419	280	332	324	335	332	195
1 to 49 days, 1987	145	82	101	67	98	72	42
1 to 49 days, 1982	196	106	127	112	127	94	59
50 to 99 days, 1987	52	22	34	28	40	33	14
50 to 99 days, 1982	30	24	28	18	34	24	24
100 to 149 days, 1987	35	3	29	25	31	16	12
100 to 149 days, 1982	33	21	24	24	21	31	10

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)		511	192	550	523	535	143	134
Field crops, except cash grains (013)		-	10	-	1	2	2	6
Cotton (0131)		-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		-	10	-	1	2	2	6
Vegetables and melons (016)		-	-	-	-	2	-	2
Fruits and tree nuts (017)		-	1	-	-	3	-	1
Horticultural specialties (018)		1	2	3	-	7	-	1
General farms, primarily crop (019)		3	30	5	8	2	10	4
Livestock, except dairy, poultry, and animal specialties (021)		222	588	541	548	166	332	289
Beef cattle, except feedlots (0212)		14	91	35	60	24	156	167
Dairy farms (024)		6	484	34	11	5	35	7
Poultry and eggs (025)		9	6	2	3	6	10	-
Animal specialties (027)		2	2	3	1	7	2	-
General farms, primarily livestock and animal specialties (029)		1	66	8	9	-	9	2
FARMS BY SIZE								
1 to 9 acres	1987	38	63	46	73	25	15	8
	1982	26	39	50	42	32	9	7
10 to 49 acres	1987	16	24	43	51	29	14	11
	1982	30	33	43	70	45	14	9
50 to 69 acres	1987	3	23	16	10	16	10	2
	1982	8	22	24	19	23	18	2
70 to 99 acres	1987	34	62	65	36	55	27	16
	1982	48	75	75	63	64	27	15
100 to 139 acres	1987	26	115	92	55	50	35	19
	1982	52	119	132	73	55	58	20
140 to 179 acres	1987	84	158	131	122	58	51	36
	1982	105	180	155	137	82	48	42
180 to 219 acres	1987	40	158	112	72	48	51	30
	1982	45	193	127	110	51	39	29
220 to 259 acres	1987	46	136	91	101	52	37	29
	1982	79	129	110	133	73	53	33
260 to 499 acres	1987	240	424	336	329	183	152	125
	1982	306	443	386	423	248	167	180
500 to 999 acres	1987	193	193	185	210	160	114	117
	1982	187	169	165	198	175	129	119
1,000 to 1,999 acres	1987	33	24	29	42	51	29	39
	1982	36	30	36	31	42	39	42
2,000 acres or more	1987	2	3	-	3	8	8	14
	1982	1	1	-	2	6	4	14
TENURE OF OPERATOR								
Full owners	farms, 1987	223	717	426	432	234	305	212
	1982	250	769	551	535	284	333	227
	acres, 1987	46 849	167 093	84 011	93 844	56 428	92 217	76 322
	1982	58 393	184 444	110 970	116 448	64 726	100 057	103 253
Part owners	farms, 1987	335	404	415	398	313	192	166
	1982	390	430	495	462	379	225	198
	acres, 1987	192 541	181 567	193 808	210 175	179 608	118 986	123 116
	1982	200 254	179 524	217 564	214 755	193 565	129 599	135 285
Tenants	farms, 1987	197	262	305	274	188	46	68
	1982	283	234	257	304	233	47	87
	acres, 1987	70 678	74 160	65 524	88 287	73 813	13 070	41 307
	1982	84 611	62 018	62 051	86 761	74 529	15 232	35 601
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1987	583	1 146	861	836	538	462	332
	1982	707	1 207	1 027	982	677	502	380
Not on farm operated	1987	141	187	226	204	165	55	96
	1982	157	138	186	198	161	57	82
Not reported	1987	31	50	59	64	32	26	18
	1982	59	88	90	121	56	46	50
Operators by principal occupation:								
Farming	1987	647	1 189	922	915	552	407	329
	1982	816	1 290	1 102	1 091	697	497	419
Other	1987	108	194	224	189	183	136	117
	1982	107	143	201	210	199	108	93
Operators by days of work off farm:								
None	1987	458	940	577	601	345	248	209
	1982	530	917	689	660	449	285	249
Any	1987	239	369	487	411	339	246	208
	1982	306	400	489	499	369	262	208
1 to 49 days	1987	82	98	134	109	69	60	52
	1982	127	168	161	179	96	76	70
50 to 99 days	1987	17	27	50	40	34	21	13
	1982	32	33	37	47	38	20	20
100 to 149 days	1987	11	25	42	29	31	23	15
	1982	28	19	40	33	27	24	16

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	232	349	329	102	399	474	518	592
Field crops, except cash grains (013)	4	1	-	7	1	5	2	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	4	1	-	7	1	5	2	-
Vegetables and melons (016)	-	1	-	-	-	2	-	2
Fruits and tree nuts (017)	-	-	-	-		1	-	-
Horticultural specialties (018)	1	3	3	5	-	1	4	-
General farms, primarily crop (019)	13	1	2	22	2	13	6	2
Livestock, except dairy, poultry, and animal specialties (021)	695	148	141	748	117	477	212	268
Beef cattle, except feedlots (0212)	15	23	11	74	6	58	13	5
Dairy farms (024)	254	10	10	449	-	259	20	7
Poultry and eggs (025)	2	-	4	1	1	4	5	11
Animal specialties (027)	-	2	1	2	-	2	-	2
General farms, primarily livestock and animal specialties (029)	77	3	7	48	2	62	10	11
FARMS BY SIZE								
1 to 9 acres 1987	67	11	25	75	11	61	28	50
1982	56	17	23	42	10	53	30	40
10 to 49 acres 1987	36	5	17	59	17	34	27	26
1982	28	18	14	69	15	45	34	43
50 to 69 acres 1987	13	6	2	31	7	19	12	9
1982	28	11	5	32	9	15	18	15
70 to 99 acres 1987	67	29	35	69	15	85	51	40
1982	75	33	22	89	20	85	52	53
100 to 139 acres 1987	112	45	16	140	13	106	51	48
1982	113	58	26	140	25	114	63	47
140 to 179 acres 1987	222	62	42	255	39	168	74	81
1982	247	60	66	269	75	173	100	108
180 to 219 acres 1987	146	43	15	217	21	120	51	50
1982	151	61	24	237	27	146	60	81
220 to 259 acres 1987	130	39	32	125	33	114	67	77
1982	153	43	41	139	36	116	75	97
260 to 499 acres 1987	338	159	160	319	195	390	220	285
1982	335	174	198	326	250	398	261	370
500 to 999 acres 1987	125	89	119	64	145	154	161	188
1982	126	84	120	83	146	174	142	160
1,000 to 1,999 acres 1987	22	25	34	9	24	46	31	37
1982	15	20	30	7	11	41	29	28
2,000 acres or more 1987	-	5	-	1	2	3	4	4
1982	-	4	1	1	3	3	2	6
TENURE OF OPERATOR								
Full owners farms, 1987	622	184	143	774	117	594	241	266
1982	712	228	159	819	165	635	286	352
acres, 1987	132 710	43 745	28 741	141 625	26 487	116 440	50 820	63 493
1982	144 083	61 584	45 284	163 485	42 837	135 875	57 241	86 662
Part owners farms, 1987	348	228	210	350	210	448	362	363
1982	380	247	242	372	254	489	407	415
acres, 1987	143 023	118 604	115 027	119 057	118 583	217 431	186 259	188 274
1982	148 864	125 590	125 233	113 369	130 411	224 056	189 212	196 947
Tenants farms, 1987	308	106	144	260	195	258	174	266
1982	235	108	169	243	209	239	173	281
acres, 1987	67 489	35 720	61 987	54 407	79 004	75 747	49 436	89 357
1982	52 201	26 301	54 107	47 343	68 228	61 540	44 962	78 713
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1987	1 073	389	377	1 176	420	1 052	571	696
1982	1 123	436	435	1 178	462	1 122	683	807
Not on farm operated 1987	151	97	93	144	82	192	164	161
1982	123	105	94	136	114	146	130	144
Not reported 1987	54	32	27	64	20	56	42	38
1982	81	42	41	120	52	95	53	97
Operators by principal occupation:								
Farming 1987	1 131	382	433	1 179	474	1 088	621	760
1982	1 210	449	499	1 227	568	1 166	719	910
Other 1987	147	136	64	205	48	212	156	135
1982	117	134	71	207	60	197	147	138
Operators by days of work off farm:								
None 1987	804	259	269	883	318	803	419	516
1982	820	271	328	823	365	783	442	576
Any 1987	371	217	182	419	164	413	321	315
1982	370	257	187	452	189	442	345	353
1 to 49 days 1987	118	39	68	85	62	120	85	83
1982	146	70	82	129	74	168	121	131
50 to 99 days 1987	31	17	16	31	15	22	28	37
1982	27	19	13	49	19	33	22	29
100 to 149 days 1987	23	14	15	27	17	40	24	34
1982	37	17	19	41	25	28	33	21

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		434	647	577	409	633	634	577	576
Field crops, except cash grains (013)		1	2	1	2	-	1	-	-
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		1	2	1	2	-	1	-	-
Vegetables and melons (016)		-	1	-	-	-	-	-	-
Fruits and tree nuts (017)		2	1	-	-	-	-	2	2
Horticultural specialties (018)		2	2	-	3	1	1	4	1
General farms, primarily crop (019)		3	1	4	1	-	-	2	2
Livestock, except dairy, poultry, and animal specialties (021)		132	123	294	310	210	265	321	231
Beef cattle, except feedlots (0212)		26	11	12	89	9	9	19	49
Dairy farms (024)		2	-	20	4	-	18	1	4
Poultry and eggs (025)		-	-	2	1	26	3	5	-
Animal specialties (027)		-	1	-	-	9	-	2	1
General farms, primarily livestock and animal specialties (029)		2	1	10	5	2	6	7	8
FARMS BY SIZE									
1 to 9 acres	1987	24	25	55	23	40	35	65	25
	1982	12	34	59	20	38	39	61	18
10 to 49 acres	1987	16	16	19	18	16	11	20	16
	1982	9	17	38	29	34	20	28	19
50 to 69 acres	1987	6	6	11	14	11	5	8	6
	1982	7	8	12	11	8	10	15	9
70 to 99 acres	1987	26	23	45	28	43	34	46	24
	1982	27	37	64	45	67	53	56	31
100 to 139 acres	1987	23	26	50	52	45	34	63	54
	1982	28	33	60	57	66	46	55	48
140 to 179 acres	1987	49	77	150	80	85	141	82	69
	1982	55	68	174	88	96	180	117	74
180 to 219 acres	1987	26	49	48	53	62	46	75	46
	1982	37	67	78	55	79	76	77	74
220 to 259 acres	1987	27	45	106	45	65	73	70	53
	1982	44	59	125	69	95	123	104	84
260 to 499 acres	1987	148	251	237	210	286	324	264	249
	1982	187	322	250	281	335	358	322	315
500 to 999 acres	1987	161	209	146	170	190	199	192	221
	1982	178	198	119	153	181	156	150	228
1,000 to 1,999 acres	1987	65	47	36	36	34	26	34	54
	1982	46	34	27	30	32	22	35	46
2,000 acres or more	1987	7	5	5	6	4	-	2	8
	1982	5	3	7	2	2	3	7	5
TENURE OF OPERATOR									
Full owners	farms, 1987	194	195	256	298	231	243	278	304
	1982	182	276	325	343	258	331	323	346
	acres, 1987	45 802	44 009	42 300	75 423	46 740	50 119	52 620	81 661
	1982	59 334	70 597	57 434	80 059	59 068	66 361	69 537	111 846
Part owners	farms, 1987	246	354	352	285	386	405	398	328
	1982	292	389	382	315	450	438	417	363
	acres, 1987	174 983	207 898	182 288	168 369	200 651	197 133	197 678	213 205
	1982	170 800	206 777	177 630	172 662	204 478	193 914	203 228	193 545
Tenants	farms, 1987	138	230	300	152	264	280	245	193
	1982	161	235	306	183	325	317	287	242
	acres, 1987	78 192	94 330	91 636	53 749	94 228	93 338	82 884	79 939
	1982	70 145	74 739	82 317	55 432	90 727	87 614	76 333	89 707
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1987	393	548	662	543	638	712	699	593
	1982	447	648	782	604	747	847	778	712
Not on farm operated	1987	156	192	209	157	206	175	182	184
	1982	136	183	151	157	201	165	173	143
Not reported	1987	29	39	37	35	37	41	40	48
	1982	52	69	80	80	85	74	76	96
Operators by principal occupation:									
Farming	1987	495	668	726	579	719	800	754	694
	1982	564	767	842	694	909	973	842	832
Other	1987	83	111	182	156	162	128	167	131
	1982	71	133	171	147	124	113	185	119
Operators by days of work off farm:									
None	1987	352	445	481	373	473	497	506	475
	1982	381	471	497	440	578	597	561	566
Any	1987	188	285	370	286	344	367	366	286
	1982	188	335	414	316	353	388	394	282
1 to 49 days	1987	64	108	120	56	109	107	106	98
	1982	72	137	165	83	151	208	144	103
50 to 99 days	1987	23	34	34	26	38	49	30	22
	1982	26	32	32	29	34	37	37	31
100 to 149 days	1987	17	24	28	29	32	27	33	30
	1982	7	15	30	33	22	20	30	16

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	314	357	526	335	345	161	590	258
Field crops, except cash grains (013)	-	1	2	-	3	4	6	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	-	1	2	-	3	4	6	-
Vegetables and melons (016)	-	-	-	-	1	-	-	-
Fruits and tree nuts (017)	-	-	-	-	-	1	1	-
Horticultural specialties (018)	1	2	1	-	1	1	2	2
General farms, primarily crop (019)	3	4	-	4	6	13	6	-
Livestock, except dairy, poultry, and animal specialties (021)	257	276	145	333	466	662	475	252
Beef cattle, except feedlots (0212)	36	18	3	17	56	150	47	43
Dairy farms (024)	6	104	3	5	18	150	11	7
Poultry and eggs (025)	16	2	2	2	2	2	4	-
Animal specialties (027)	5	1	-	7	2	7	1	3
General farms, primarily livestock and animal specialties (029)	5	33	6	3	5	18	11	2
FARMS BY SIZE								
1 to 9 acres, 1987	30	29	23	31	22	41	59	19
1982	27	33	32	27	32	36	57	19
10 to 49 acres, 1987	16	26	12	31	28	39	38	9
1982	26	36	19	25	40	54	59	18
50 to 69 acres, 1987	13	6	5	8	9	17	21	10
1982	15	10	7	2	18	21	18	13
70 to 99 acres, 1987	25	41	23	24	39	40	47	27
1982	43	48	49	37	49	57	73	32
100 to 139 acres, 1987	40	44	27	31	66	86	67	41
1982	46	58	31	43	81	93	82	56
140 to 179 acres, 1987	63	122	83	78	82	120	114	42
1982	63	157	101	96	104	140	121	67
180 to 219 acres, 1987	39	64	39	42	75	111	75	34
1982	60	72	44	47	81	119	95	56
220 to 259 acres, 1987	48	83	54	61	92	90	62	34
1982	67	95	56	70	92	105	92	56
260 to 499 acres, 1987	198	218	242	214	257	310	347	162
1982	246	252	274	283	283	346	406	189
500 to 999 acres, 1987	115	114	149	141	147	163	224	116
1982	101	97	142	137	151	150	224	119
1,000 to 1,999 acres, 1987	20	31	25	29	26	20	52	27
1982	18	27	21	10	32	16	41	26
2,000 acres or more, 1987	-	2	3	1	6	2	1	3
1982	-	3	3	-	4	1	5	2
TENURE OF OPERATOR								
Full owners, farms, 1987	239	369	175	190	354	514	387	227
1982	267	454	225	272	432	622	483	283
acres, 1987	56 093	84 191	40 484	49 631	94 649	121 160	86 641	62 830
1982	58 414	98 861	54 843	69 642	125 714	137 561	103 051	72 814
Part owners, farms, 1987	260	289	292	290	329	341	458	230
1982	320	292	309	288	347	340	496	259
acres, 1987	121 653	136 629	148 912	142 706	175 749	150 767	238 714	125 435
1982	135 975	133 325	141 288	126 397	175 990	145 757	242 963	125 713
Tenants, farms, 1987	108	122	218	209	166	164	262	67
1982	125	142	245	217	188	176	294	111
acres, 1987	31 027	38 844	83 144	62 208	46 182	47 246	85 348	24 398
1982	30 628	38 038	76 659	59 682	50 244	46 406	87 661	32 273
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated, 1987	461	631	489	503	665	826	865	401
1982	549	728	580	577	766	902	992	507
Not on farm operated, 1987	114	122	154	141	144	138	202	86
1982	109	108	135	123	128	143	177	92
Not reported, 1987	32	27	42	45	40	55	40	37
1982	54	52	64	77	73	93	104	54
Operators by principal occupation:								
Farming, 1987	473	668	564	569	718	813	890	426
1982	593	763	659	682	799	928	1 059	509
Other, 1987	134	112	121	120	131	206	217	98
1982	119	125	120	95	168	210	214	144
Operators by days of work off farm:								
None, 1987	302	452	355	403	499	589	596	274
1982	379	525	395	431	536	610	681	309
Any, 1987	261	277	263	244	295	367	445	211
1982	262	289	321	241	346	433	471	297
1 to 49 days, 1987	65	84	68	57	78	75	116	64
1982	76	66	115	105	101	128	162	79
50 to 99 days, 1987	26	23	37	35	26	15	43	15
1982	25	34	52	23	29	40	37	28
100 to 149 days, 1987	13	38	25	15	29	38	33	16
1982	27	30	23	18	22	37	32	16

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		360	303	356	1 122	250	580	296	105
Field crops, except cash grains (013)		3	-	1	3	1	2	1	1
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		3	-	1	3	1	2	1	1
Vegetables and melons (016)		1	-	-	-	3	9	2	-
Fruits and tree nuts (017)		3	-	1	-	1	2	4	-
Horticultural specialties (018)		4	-	-	-	3	10	1	-
General farms, primarily crop (019)		8	6	6	1	2	9	4	5
Livestock, except dairy, poultry, and animal specialties (021)		501	507	403	399	317	414	172	261
Beef cattle, except feedlots (0212)		42	60	18	14	52	48	9	120
Dairy farms (024)		50	95	4	25	24	55	4	6
Poultry and eggs (025)		15	1	1	7	1	-	2	2
Animal specialties (027)		4	2	-	-	5	8	1	1
General farms, primarily livestock and animal specialties (029)		18	15	1	17	1	21	-	1
FARMS BY SIZE									
1 to 9 acres	1987	42	34	29	51	19	38	12	11
	1982	31	28	33	61	17	36	13	7
10 to 49 acres	1987	43	38	15	37	16	61	19	9
	1982	68	50	30	30	22	63	17	13
50 to 69 acres	1987	19	11	13	10	9	30	4	4
	1982	27	24	19	14	16	48	8	7
70 to 99 acres	1987	79	48	19	47	25	97	18	15
	1982	86	47	53	64	34	141	43	16
100 to 139 acres	1987	121	72	56	53	34	135	27	12
	1982	149	99	73	67	58	147	38	36
140 to 179 acres	1987	90	106	45	211	65	146	37	26
	1982	120	118	74	260	94	175	45	33
180 to 219 acres	1987	85	81	45	84	53	100	35	33
	1982	104	118	70	124	63	95	46	45
220 to 259 acres	1987	77	89	68	146	37	77	54	36
	1982	97	103	101	197	58	88	54	36
260 to 499 acres	1987	250	255	257	579	199	232	153	125
	1982	303	327	292	619	236	292	154	153
500 to 999 acres	1987	130	167	175	287	115	159	100	80
	1982	124	139	172	247	96	145	121	94
1,000 to 1,999 acres	1987	30	25	46	65	34	32	27	27
	1982	23	24	30	52	31	23	19	24
2,000 acres or more	1987	1	3	5	4	2	3	1	4
	1982	3	1	5	12	1	4	2	3
TENURE OF OPERATOR									
Full owners	farms, 1987	390	405	296	397	269	487	166	173
	1982	515	492	407	489	326	555	202	237
	acres, 1987	74 110	93 243	86 239	88 155	64 071	82 726	44 420	49 424
	1982	94 548	113 160	105 380	125 150	81 689	97 858	52 758	72 257
Part owners	farms, 1987	386	323	351	689	273	424	220	153
	1982	420	353	368	706	295	458	239	187
	acres, 1987	162 865	159 808	197 543	356 090	147 776	188 626	113 640	99 707
	1982	170 014	153 468	175 629	328 437	139 223	185 613	110 064	97 753
Tenants	farms, 1987	191	201	126	488	66	199	101	56
	1982	200	233	177	552	105	244	119	45
	acres, 1987	47 810	55 308	41 171	147 127	19 303	55 847	31 977	22 470
	1982	47 072	58 142	53 656	152 954	23 712	61 971	39 131	19 046
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1987	752	724	608	1 215	485	893	375	309
	1982	897	851	700	1 333	559	994	431	393
Not on farm operated	1987	152	175	117	292	103	188	80	61
	1982	152	156	156	277	103	170	79	40
Not reported	1987	63	30	48	67	20	29	32	12
	1982	86	71	96	137	64	93	50	36
Operators by principal occupation:									
Farming	1987	770	766	644	1 352	457	812	408	304
	1982	924	914	801	1 568	549	922	464	379
Other	1987	197	163	129	222	151	298	79	78
	1982	211	164	151	179	177	335	96	90
Operators by days of work off farm:									
None	1987	518	549	463	885	324	535	276	204
	1982	575	609	528	992	378	611	317	244
Any	1987	390	326	245	584	248	495	172	149
	1982	450	378	311	567	304	547	191	167
1 to 49 days	1987	93	78	67	193	42	99	50	39
	1982	141	138	107	250	75	115	56	49
50 to 99 days	1987	36	43	24	71	17	39	17	11
	1982	31	29	32	62	16	44	19	8
100 to 149 days	1987	28	17	17	66	30	37	15	14
	1982	26	18	18	40	24	38	15	11

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	472	317	405	322	526	342	346	470
Field crops, except cash grains (013)	3	3	-	2	1	1	1	1
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes, field crops, except cash grains, n.e.c. (0133, 0134, 0139)	3	3	-	2	1	1	1	1
Vegetables and melons (016)	2	2	1	-	-	1	2	1
Fruits and tree nuts (017)	-	1	-	1	-		-	-
Horticultural specialties (018)	-	1	2	6	6	1	-	-
General farms, primarily crop (019)	4	7	4	1	5	-	4	3
Livestock, except dairy, poultry, and animal specialties (021)	537	296	507	379	285	135	319	218
Beef cattle, except feedlots (0212)	45	89	41	67	35	17	15	37
Dairy farms (024)	57	1	18	19	6	-	55	2
Poultry and eggs (025)	1	3	6	3	4	-	17	-
Animal specialties (027)	1	1	-	2	3	-	1	1
General farms, primarily livestock and animal specialties (029)	28	-	8	4	3	1	21	3
FARMS BY SIZE								
1 to 9 acres, 1987	77	26	51	42	42	13	52	22
1 to 9 acres, 1982	76	25	44	35	47	17	30	18
10 to 49 acres, 1987	30	18	28	29	25	12	26	6
10 to 49 acres, 1982	31	30	41	35	18	18	34	9
50 to 69 acres, 1987	15	11	26	16	15	8	9	8
50 to 69 acres, 1982	13	12	20	15	23	1	7	10
70 to 99 acres, 1987	47	30	49	42	46	11	36	22
70 to 99 acres, 1982	75	42	49	51	56	27	39	27
100 to 139 acres, 1987	40	46	75	55	52	31	38	39
100 to 139 acres, 1982	39	58	65	77	51	30	56	43
140 to 179 acres, 1987	176	55	86	61	84	34	75	57
140 to 179 acres, 1982	246	61	120	77	109	41	104	69
180 to 219 acres, 1987	65	33	79	52	50	23	51	35
180 to 219 acres, 1982	76	53	79	53	77	24	57	43
220 to 259 acres, 1987	105	54	75	47	75	35	74	54
220 to 259 acres, 1982	124	61	87	63	80	39	98	53
260 to 499 acres, 1987	375	180	292	221	217	131	248	187
260 to 499 acres, 1982	421	237	355	283	284	152	294	227
500 to 999 acres, 1987	151	135	163	126	187	138	132	177
500 to 999 acres, 1982	134	142	148	127	157	130	111	204
1,000 to 1,999 acres, 1987	24	39	25	27	44	38	23	78
1,000 to 1,999 acres, 1982	13	33	19	21	35	45	16	61
2,000 acres or more, 1987	-	5	2	1	2	7	2	14
2,000 acres or more, 1982	2	5	3	-	4	3	2	10
TENURE OF OPERATOR								
Full owners, farms, 1987	317	256	389	318	287	166	301	220
Full owners, farms, 1982	415	299	434	334	327	174	343	221
Full owners, acres, 1987	58 664	60 980	82 650	69 307	60 680	47 519	61 430	63 045
Full owners, acres, 1982	83 322	68 312	90 244	68 855	75 181	56 310	80 807	73 293
Part owners, farms, 1987	486	269	358	281	362	200	318	273
Part owners, farms, 1982	494	327	399	352	379	218	325	330
Part owners, acres, 1987	194 918	159 406	164 900	140 915	196 744	134 215	156 881	200 332
Part owners, acres, 1982	189 044	175 308	172 305	150 108	186 944	131 638	137 108	208 292
Tenants, farms, 1987	302	107	204	140	190	115	147	206
Tenants, farms, 1982	340	133	217	151	235	135	180	223
Tenants, acres, 1987	84 825	40 323	63 961	42 495	60 207	54 938	41 667	101 426
Tenants, acres, 1982	79 560	43 045	62 150	48 676	65 781	53 259	46 312	85 417
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated, 1987	865	459	741	570	644	346	607	465
On farm operated, 1982	980	563	817	642	747	393	654	522
Not on farm operated, 1987	162	136	146	131	156	105	124	195
Not on farm operated, 1982	133	151	142	124	131	75	114	196
Not reported, 1987	78	37	64	38	39	30	35	39
Not reported, 1982	136	45	91	71	63	59	80	56
Operators by principal occupation:								
Farming, 1987	948	475	780	540	682	413	622	600
Farming, 1982	1 111	580	929	653	772	460	752	687
Other, 1987	157	157	171	199	157	68	144	99
Other, 1982	138	179	121	184	169	67	96	87
Operators by days of work off farm:								
None, 1987	649	318	496	373	466	279	426	388
None, 1982	696	377	504	433	463	301	480	435
Any, 1987	381	264	362	329	324	163	297	260
Any, 1982	412	326	321	322	387	155	270	252
1 to 49 days, 1987	119	67	105	63	100	51	95	90
1 to 49 days, 1982	196	88	118	78	146	61	114	112
50 to 99 days, 1987	40	22	38	21	29	14	34	33
50 to 99 days, 1982	38	32	30	25	20	10	25	23
100 to 149 days, 1987	24	15	28	27	24	24	18	15
100 to 149 days, 1982	24	27	21	21	30	14	19	19

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	117	334	311	618	419	432	588	615
Field crops, except cash grains (013)	3	1	2	-	-	-	-	3
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	3	1	2	-	-	-	-	3
Vegetables and melons (016)	-	-	13	-	-	-	-	-
Fruits and tree nuts (017)	-	-	-	-	-	-	-	-
Horticultural specialties (018)	-	1	6	-	2	4	1	2
General farms, primarily crop (019)	6	5	12	4	-	6	3	7
Livestock, except dairy, poultry, and animal specialties (021)	290	213	241	437	197	317	215	803
Beef cattle, except feedlots (0212)	164	45	21	26	7	44	5	53
Dairy farms (024)	9	3	21	22	15	6	9	17
Poultry and eggs (025)	-	-	-	2	2	-	4	6
Animal specialties (027)	3	1	1	4	-	2	4	2
General farms, primarily livestock and animal specialties (029)	9	1	5	24	25	1	7	16
FARMS BY SIZE								
1 to 9 acres, 1987	11	15	15	67	33	19	32	65
1982	7	22	16	77	32	15	28	59
10 to 49 acres, 1987	7	13	22	38	16	15	14	51
1982	8	14	31	25	10	22	15	42
50 to 69 acres, 1987	4	4	10	7	5	10	8	16
1982	6	7	20	7	1	10	6	23
70 to 99 acres, 1987	19	24	30	72	26	37	33	73
1982	20	28	56	72	47	32	50	90
100 to 139 acres, 1987	22	32	37	53	19	34	32	64
1982	36	30	61	49	30	50	54	89
140 to 179 acres, 1987	33	40	86	129	105	68	95	180
1982	32	46	93	189	117	75	87	199
180 to 219 acres, 1987	26	43	47	55	46	45	36	81
1982	31	48	51	72	51	61	59	117
220 to 259 acres, 1987	38	42	50	114	71	59	47	146
1982	51	46	55	165	71	60	79	193
260 to 499 acres, 1987	142	164	167	377	217	236	279	494
1982	146	205	231	410	288	298	341	568
500 to 999 acres, 1987	111	153	121	168	95	210	209	251
1982	115	155	115	134	85	187	182	210
1,000 to 1,999 acres, 1987	20	28	26	30	25	34	46	47
1982	21	19	13	21	18	29	29	31
2,000 acres or more, 1987	4	1	1	1	2	1	-	3
1982	3	2	1	-	2	1	1	3
TENURE OF OPERATOR								
Full owners, farms, 1987	234	217	204	289	144	296	223	443
1982	255	235	288	366	192	312	266	523
acres, 1987	73 317	56 487	50 040	48 849	26 475	73 984	57 090	100 310
1982	86 828	62 515	70 573	69 482	47 161	83 513	66 179	125 854
Part owners, farms, 1987	158	212	268	497	324	330	348	646
1982	180	238	299	547	343	347	386	670
acres, 1987	99 106	127 271	127 654	219 658	149 360	182 633	188 526	291 152
1982	96 089	128 717	117 823	210 711	143 430	174 387	188 298	271 651
Tenants, farms, 1987	45	130	140	325	192	142	260	382
1982	41	149	156	308	217	181	279	431
acres, 1987	16 992	53 989	41 093	89 364	52 397	62 831	92 841	112 245
1982	10 194	54 339	40 201	78 172	53 010	62 055	86 827	108 292
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated, 1987	325	430	479	855	538	580	614	1 178
1982	372	490	558	956	583	643	696	1 256
Not on farm operated, 1987	78	109	108	197	96	160	165	206
1982	59	83	121	167	112	135	164	203
Not reported, 1987	34	20	25	59	26	28	52	87
1982	45	49	64	98	57	62	71	165
Operators by principal occupation:								
Farming, 1987	318	475	487	931	561	619	714	1 227
1982	364	540	593	1 075	679	731	846	1 417
Other, 1987	119	84	125	180	99	149	117	244
1982	112	82	150	146	73	109	85	207
Operators by days of work off farm:								
None, 1987	236	313	312	613	377	407	460	829
1982	212	334	402	691	439	462	518	964
Any, 1987	161	202	252	419	240	313	307	523
1982	209	220	268	414	238	282	307	475
1 to 49 days, 1987	20	70	47	140	74	90	105	156
1982	41	101	64	178	99	121	152	186
50 to 99 days, 1987	13	17	25	53	31	23	56	42
1982	24	22	15	42	30	30	34	46
100 to 149 days, 1987	21	20	18	41	25	29	20	41
1982	11	15	19	31	28	19	23	18

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	661	422	786	413	152	558	365	539
Field crops, except cash grains (013)	2	1	5	4	2	3	2	2
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	2	1	5	4	2	3	2	2
Vegetables and melons (016)	-	2	-	-	-	-	4	-
Fruits and tree nuts (017)	-	2	4	-	-	-	2	1
Horticultural specialties (018)	2	13	7	1	-	2	8	1
General farms, primarily crop (019)	1	1	3	5	10	3	3	5
Livestock, except dairy, poultry, and animal specialties (021)	214	114	421	385	331	346	307	462
Beef cattle, except feedlots (0212)	6	16	34	60	132	13	14	30
Dairy farms (024)	3	5	6	16	8	9	24	12
Poultry and eggs (025)	6	5	2	1	-	7	1	1
Animal specialties (027)	1	9	3	1	-	1	4	3
General farms, primarily livestock and animal specialties (029)	2	6	4	7	1	5	12	6
FARMS BY SIZE								
1 to 9 acres, 1987	31	31	51	33	14	45	24	58
1 to 9 acres, 1982	30	32	50	34	12	41	32	55
10 to 49 acres, 1987	17	30	33	18	11	24	29	25
10 to 49 acres, 1982	15	37	53	30	11	28	46	20
50 to 69 acres, 1987	6	13	14	10	3	9	22	9
50 to 69 acres, 1982	11	21	17	15	6	15	27	13
70 to 99 acres, 1987	35	41	53	37	14	46	43	33
70 to 99 acres, 1982	42	75	80	39	10	50	76	55
100 to 139 acres, 1987	49	40	68	53	23	38	70	62
100 to 139 acres, 1982	51	62	96	57	25	59	76	70
140 to 179 acres, 1987	106	56	116	88	28	101	93	104
140 to 179 acres, 1982	120	73	139	101	36	128	122	124
180 to 219 acres, 1987	41	46	78	43	28	65	67	96
180 to 219 acres, 1982	70	52	87	62	40	69	79	111
220 to 259 acres, 1987	59	40	91	71	38	82	72	94
220 to 259 acres, 1982	95	50	90	82	34	105	82	129
260 to 499 acres, 1987	302	142	348	252	149	285	188	333
260 to 499 acres, 1982	386	170	461	309	202	357	207	415
500 to 999 acres, 1987	214	93	307	182	140	201	102	189
500 to 999 acres, 1982	183	95	272	186	182	160	96	151
1,000 to 1,999 acres, 1987	31	40	73	45	46	36	22	29
1,000 to 1,999 acres, 1982	24	33	64	39	35	26	17	15
2,000 acres or more, 1987	1	8	9	1	10	2	-	-
2,000 acres or more, 1982	-	5	8	1	8	5	1	1
TENURE OF OPERATOR								
Full owners, farms, 1987	207	232	395	305	233	279	234	316
Full owners, farms, 1982	231	263	478	378	260	330	288	435
Full owners, acres, 1987	42 299	39 453	91 900	69 507	79 041	56 707	41 323	60 606
Full owners, acres, 1982	50 145	39 735	119 565	89 751	99 068	86 713	54 036	100 970
Part owners, farms, 1987	382	241	510	329	182	375	327	403
Part owners, farms, 1982	460	292	538	371	242	394	353	378
Part owners, acres, 1987	198 471	142 639	302 547	186 846	142 538	202 174	139 363	191 159
Part owners, acres, 1982	204 789	143 765	283 780	199 787	153 617	181 554	134 380	160 997
Tenants, farms, 1987	303	107	336	199	89	280	171	313
Tenants, farms, 1982	336	150	401	206	99	319	220	346
Tenants, acres, 1987	102 757	41 099	131 159	65 687	37 340	96 573	41 699	92 274
Tenants, acres, 1982	99 950	46 420	134 651	56 523	41 421	87 402	43 567	87 902
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated, 1987	665	428	923	637	387	681	584	785
On farm operated, 1982	748	528	1 075	758	473	797	664	871
Not on farm operated, 1987	193	119	255	161	84	203	116	185
Not on farm operated, 1982	194	126	221	136	81	160	124	182
Not reported, 1987	34	33	63	35	33	50	32	62
Not reported, 1982	85	51	121	61	47	86	73	106
Operators by principal occupation:								
Farming, 1987	760	411	1 047	701	423	780	563	870
Farming, 1982	891	533	1 198	836	512	914	682	1 046
Other, 1987	132	169	194	132	81	154	169	162
Other, 1982	136	172	219	119	89	129	179	113
Operators by days of work off farm:								
None, 1987	477	262	735	472	291	540	361	584
None, 1982	577	315	827	550	339	577	437	650
Any, 1987	342	270	429	304	158	317	317	372
Any, 1982	363	309	465	314	196	317	342	362
1 to 49 days, 1987	112	52	121	95	51	96	68	135
1 to 49 days, 1982	160	82	154	148	76	135	85	155
50 to 99 days, 1987	44	23	55	23	14	30	19	31
50 to 99 days, 1982	39	25	40	18	17	22	21	42
100 to 149 days, 1987	40	22	49	21	11	26	33	36
100 to 149 days, 1982	20	23	37	19	8	21	31	37

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	594	619	653	263	166	214	255	316
Field crops, except cash grains (013)	2	-	5	5	1	5	3	3
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	2	-	5	5	1	5	3	3
Vegetables and melons (016)	-	2	-	-	-	-	1	-
Fruits and tree nuts (017)	-	1	-	-	-	-	-	1
Horticultural specialties (018)	1	5	-	-	1	2	3	3
General farms, primarily crop (019)	3	2	10	3	3	10	5	4
Livestock, except dairy, poultry, and animal specialties (021)	1 018	230	395	284	279	243	211	336
Beef cattle, except feedlots (0212)	70	14	61	100	114	75	75	119
Dairy farms (024)	111	6	33	3	8	11	12	18
Poultry and eggs (025)	21	10	6	1	-	1	1	-
Animal specialties (027)	5	5	4	2	2	1	-	5
General farms, primarily livestock and animal specialties (029)	25	5	9	3	-	3	1	6
FARMS BY SIZE								
1 to 9 acres, 1987	231	48	49	13	16	6	12	20
1982	174	33	35	13	15	13	12	22
10 to 49 acres, 1987	90	43	35	11	6	14	18	31
1982	90	44	43	11	17	14	20	36
50 to 69 acres, 1987	24	21	19	6	11	4	2	16
1982	34	12	19	2	12	11	10	20
70 to 99 acres, 1987	112	65	46	17	15	17	33	38
1982	116	78	63	26	18	16	38	61
100 to 139 acres, 1987	100	66	78	14	20	46	43	59
1982	117	82	72	33	35	41	42	69
140 to 179 acres, 1987	228	83	118	34	39	38	41	72
1982	306	106	151	55	51	37	51	68
180 to 219 acres, 1987	110	54	74	42	24	42	38	57
1982	148	76	102	44	34	49	34	50
220 to 259 acres, 1987	169	43	95	42	45	31	44	34
1982	200	69	129	79	45	46	45	64
260 to 499 acres, 1987	505	229	335	179	134	142	136	184
1982	549	288	395	206	161	180	183	212
500 to 999 acres, 1987	178	186	225	163	117	117	107	134
1982	147	163	190	160	122	140	100	137
1,000 to 1,999 acres, 1987	31	40	39	37	28	28	17	44
1982	21	27	29	28	25	30	19	39
2,000 acres or more, 1987	2	5	2	6	5	5	1	3
1982	-	4	2	3	3	3	1	5
TENURE OF OPERATOR								
Full owners, farms, 1987	614	274	375	222	211	226	221	323
1982	694	323	429	274	251	269	238	359
acres, 1987	81 153	45 516	81 339	84 375	69 763	65 890	48 875	77 980
1982	118 825	57 649	93 249	88 602	80 736	80 328	55 246	82 132
Part owners, farms, 1987	783	382	483	245	180	207	195	258
1982	794	422	513	260	211	253	246	303
acres, 1987	288 748	201 424	239 163	145 031	116 036	126 818	100 035	141 243
1982	258 479	200 070	232 539	140 391	112 101	138 848	114 132	159 041
Tenants, farms, 1987	383	229	257	97	69	57	76	111
1982	416	237	288	126	76	58	71	121
acres, 1987	93 598	70 708	77 709	38 869	29 135	19 110	30 653	41 879
1982	86 730	69 813	78 418	43 424	24 413	21 295	22 406	41 697
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated, 1987	1 372	623	889	419	378	392	382	542
1982	1 436	703	980	513	429	451	450	618
Not on farm operated, 1987	279	218	188	127	69	79	88	117
1982	232	197	159	96	68	84	62	108
Not reported, 1987	129	44	38	18	13	19	22	33
1982	236	82	91	51	41	45	43	57
Operators by principal occupation:								
Farming, 1987	1 411	656	930	470	364	371	353	479
1982	1 633	763	1 072	562	422	487	416	571
Other, 1987	369	229	185	94	96	119	139	213
1982	271	219	158	98	116	93	139	212
Operators by days of work off farm:								
None, 1987	927	455	629	306	244	255	250	331
1982	977	498	662	351	263	302	280	370
Any, 1987	700	369	423	211	180	207	210	325
1982	694	391	445	230	229	217	221	356
1 to 49 days, 1987	179	89	126	58	48	40	34	58
1982	258	114	166	91	80	68	51	84
50 to 99 days, 1987	66	24	50	15	15	25	13	17
1982	59	28	38	21	15	18	14	29
100 to 149 days, 1987	56	26	50	17	16	24	15	23
1982	59	21	38	17	12	23	7	19

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)		342	187	865	423	186	551	367	654
Field crops, except cash grains (013)		1	-	1	1	12	3	2	-
Cotton (0131)		-	-	-	-	-	-	-	-
Tobacco (0132)		-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		1	-	1	1	12	3	2	-
Vegetables and melons (016)		4	-	2	1	-	-	1	-
Fruits and tree nuts (017)		-	-	1	-	-	-	-	-
Horticultural specialties (018)		1	-	3	-	1	3	-	-
General farms, primarily crop (019)		6	12	1	8	22	4	2	-
Livestock, except dairy, poultry, and animal specialties (021)		531	299	151	170	616	435	141	128
Beef cattle, except feedlots (0212)		22	155	4	8	114	59	11	3
Dairy farms (024)		16	10	3	23	397	5	10	2
Poultry and eggs (025)		21	-	4	1	6	9	6	4
Animal specialties (027)		2	-	1	-	3	8	-	3
General farms, primarily livestock and animal specialties (029)		7	4	2	8	66	3	11	5
FARMS BY SIZE									
1 to 9 acres	1987	47	8	42	23	59	38	22	17
	1982	48	12	51	29	47	41	24	30
10 to 49 acres	1987	38	5	16	8	42	42	16	19
	1982	51	16	16	18	40	37	23	22
50 to 69 acres	1987	19	6	9	8	19	16	8	10
	1982	24	7	15	8	35	31	15	5
70 to 99 acres	1987	51	11	62	38	51	30	23	31
	1982	73	15	62	47	61	67	32	38
100 to 139 acres	1987	68	19	63	42	120	48	24	40
	1982	71	20	65	42	144	76	44	41
140 to 179 acres	1987	88	37	106	78	210	86	53	61
	1982	104	50	118	103	209	133	82	98
180 to 219 acres	1987	66	31	64	39	153	75	24	40
	1982	73	29	79	39	171	85	52	49
220 to 259 acres	1987	74	35	68	42	125	83	39	50
	1982	81	60	105	79	166	94	55	77
260 to 499 acres	1987	284	155	321	197	391	310	165	253
	1982	306	212	370	238	425	374	185	335
500 to 999 acres	1987	167	162	223	131	123	224	143	199
	1982	159	162	216	105	137	222	130	189
1,000 to 1,999 acres	1987	27	38	55	26	14	61	23	52
	1982	27	28	45	23	13	55	19	37
2,000 acres or more	1987	2	5	5	3	1	8	-	4
	1982	3	5	2	2	1	12	2	6
TENURE OF OPERATOR									
Full owners	farms, 1987	354	222	292	167	666	348	166	206
	1982	411	303	293	238	685	462	202	226
	acres, 1987	77 733	79 991	62 993	37 728	144 026	90 963	35 932	47 398
	1982	93 485	103 220	59 408	52 364	144 936	123 541	41 882	50 843
Part owners	farms, 1987	375	222	432	304	401	425	269	369
	1982	393	232	531	310	500	457	309	432
	acres, 1987	173 976	135 915	228 948	154 779	152 304	247 342	140 523	214 160
	1982	181 242	128 865	248 752	144 249	180 659	239 583	147 236	219 184
Tenants	farms, 1987	202	68	310	164	241	248	105	221
	1982	216	81	322	183	264	308	152	269
	acres, 1987	58 819	37 419	115 336	44 867	56 384	94 580	38 921	79 579
	1982	54 984	37 100	103 078	45 709	59 697	99 779	40 487	86 561
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1987	719	399	712	491	1 084	760	440	586
	1982	826	480	849	542	1 195	897	510	711
Not on farm operated	1987	163	84	269	116	156	207	82	171
	1982	120	82	221	114	151	216	109	163
Not reported	1987	49	29	53	28	68	54	18	39
	1982	74	54	76	75	103	114	44	53
Operators by principal occupation:									
Farming	1987	784	432	833	535	1 124	828	473	668
	1982	856	537	1 001	642	1 295	1 040	575	804
Other	1987	147	80	201	100	184	193	67	128
	1982	164	70	145	89	154	187	88	123
Operators by days of work off farm:									
None	1987	523	257	528	355	836	566	307	430
	1982	566	338	611	389	861	654	347	513
Any	1987	327	187	423	236	382	380	194	324
	1982	358	193	413	249	426	426	246	333
1 to 49 days	1987	83	71	124	69	109	97	66	120
	1982	141	69	154	101	186	148	112	143
50 to 99 days	1987	30	8	54	23	34	32	23	45
	1982	24	19	37	23	39	45	23	39
100 to 149 days	1987	35	21	43	30	27	41	18	29
	1982	29	20	43	21	30	28	11	21

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days	1987	2 751	23	15	22	27	22	31
	1982	2 529	20	13	29	24	29	29
200 days or more	1987	14 007	117	83	92	98	105	232
	1982	13 469	119	70	85	110	87	204
Not reported	1987	5 863	67	42	55	44	50	83
	1982	9 500	76	82	95	56	95	122
1987 operators by years on present farm:								
2 years or less		4 034	46	21	57	24	33	68
3 or 4 years		4 289	30	30	51	21	40	63
5 to 9 years		10 278	76	62	92	41	84	154
10 years or more		54 138	536	340	561	355	445	772
Average years on present farm		20.4	21.5	22.0	20.3	23.1	19.7	19.7
Not reported		9 892	84	84	105	70	104	123
1987 operators by age group:								
Under 25 years		2 199	21	16	8	6	26	35
25 to 34 years		14 640	131	80	166	65	138	224
35 to 44 years		16 733	140	83	204	72	149	256
45 to 54 years		17 003	147	89	188	99	151	262
55 to 64 years		20 744	208	140	190	118	157	267
65 years and over		11 312	125	109	110	151	85	136
Average age		48.7	50.0	51.3	47.8	54.2	47.3	47.4
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1987	68 845	642	418	677	439	618	977
	1982	77 851	735	519	769	424	701	1 074
	acres, 1987	23 749 442	270 402	172 834	222 343	168 707	213 190	317 746
	1982	24 506 840	268 146	198 600	261 637	159 472	220 700	334 565
Partnership	farms, 1987	9 349	90	83	175	80	75	131
	1982	11 450	133	60	162	74	78	176
	acres, 1987	3 671 569	36 999	40 080	67 318	26 885	37 944	47 816
	1982	4 278 694	53 029	29 888	61 923	30 226	52 086	56 776
Corporation:								
Family held	farms, 1987	3 845	36	15	8	11	6	65
	1982	3 571	27	18	12	13	10	62
	acres, 1987	2 543 963	(D)	(D)	(D)	(D)	(D)	(D)
	1982	2 389 074	(D)	(D)	(D)	(D)	3 706	(D)
Other than family held	farms, 1987	250	-	-	2		3	2
	1982	336	1	-	3	1	3	2
	acres, 1987	86 393	-	-	(D)	-	(D)	(D)
	1982	133 159	(D)	-	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	342	4	1	4	1	4	5
	1982	304	-	1	1	2	2	7
	acres, 1987	106 832	(D)	(D)	(D)	(D)	(D)	(D)
	1982	78 527	-	(D)	(D)	(D)	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses	farms	82 647	770	518	864	508	707	1 183
	$1,000	6 516 385	52 088	25 433	53 910	16 883	59 209	103 410
Livestock and poultry purchased	farms	40 253	446	180	560	243	351	566
	$1,000	1 346 860	8 382	3 855	6 930	3 053	14 451	25 715
Feed for livestock and poultry	farms	54 514	584	396	801	386	495	787
	$1,000	1 092 412	7 977	3 231	10 515	1 663	10 621	13 765
Commercially mixed formula feeds	farms	29 316	254	182	635	125	219	394
	$1,000	472 686	2 871	1 562	5 504	284	3 229	6 649
Seeds, bulbs, plants, and trees	farms	76 710	723	498	829	417	640	1 119
	$1,000	302 401	2 932	1 556	1 807	837	2 418	4 445
Commercial fertilizer	farms	73 196	677	439	763	404	604	1 067
	$1,000	459 606	4 183	2 272	2 986	1 578	4 061	7 771
Agricultural chemicals	farms	74 725	707	473	773	386	574	1 122
	$1,000	304 487	2 824	1 500	1 242	833	2 383	4 812
Petroleum products	farms	80 999	756	518	839	496	687	1 147
	$1,000	304 536	2 548	1 688	2 823	1 128	2 766	4 553
Electricity	farms	75 154	745	473	812	434	666	1 107
	$1,000	120 904	915	609	1 744	282	1 142	1 855
Hired farm labor	farms	44 716	423	316	517	207	365	638
	$1,000	280 602	1 599	957	2 844	719	2 084	3 868
Contract labor	farms	7 032	81	64	107	35	51	114
	$1,000	20 485	284	94	302	113	299	392
Repair and maintenance	farms	75 830	736	468	808	476	656	1 084
	$1,000	393 118	3 665	2 028	4 333	1 475	3 415	5 836
Customwork, machine hire, and rental of machinery and equipment	farms	49 313	476	316	565	240	372	695
	$1,000	128 322	1 065	745	925	345	977	2 001
Interest	farms	58 282	518	368	653	279	475	833
	$1,000	561 575	5 930	2 295	5 777	1 575	4 775	6 976
Cash rent	farms	39 119	297	215	403	137	351	639
	$1,000	489 057	2 934	1 005	3 168	706	4 695	9 518
Property taxes	farms	67 238	693	438	727	483	573	945
	$1,000	212 292	2 319	1 077	1 745	1 197	1 698	3 214
All other farm production expenses	farms	82 616	770	518	864	508	707	1 183
	$1,000	499 729	4 532	2 520	6 770	1 380	3 425	6 692

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
OPERATOR CHARACTERISTICS—Con.							
Operators by days of work off farm—Con.							
Any—Con.							
150 to 199 days, 1987	42	30	37	51	28	33	31
150 to 199 days, 1982	44	32	32	41	29	28	22
200 days or more, 1987	260	143	200	189	143	172	115
200 days or more, 1982	286	136	223	206	122	215	111
Not reported, 1987	50	35	57	80	67	79	68
Not reported, 1982	75	69	61	100	98	111	132
1987 operators by years on present farm							
2 years or less	51	31	45	75	38	53	40
3 or 4 years	53	32	56	73	49	54	60
5 to 9 years	124	99	111	139	109	153	113
10 years or more	639	555	555	685	671	668	539
Average years on present farm	19.9	21.3	18.7	18.8	20.7	19.8	19.9
Not reported	92	80	82	123	106	137	113
1987 operators by age group							
Under 25 years	23	14	23	40	17	41	12
25 to 34 years	157	126	169	209	188	182	158
35 to 44 years	202	178	199	256	206	201	189
45 to 54 years	209	142	193	221	175	230	174
55 to 64 years	266	219	179	247	257	274	222
65 years and over	102	118	86	122	130	137	110
Average age	48.4	49.5	46.6	47.0	48.5	48.5	48.5
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship), farms, 1987	767	628	748	926	802	915	737
farms, 1982	822	762	858	983	890	1 062	888
acres, 1987	216 008	233 969	190 275	262 309	278 391	260 661	284 985
acres, 1982	204 589	246 697	196 702	262 759	273 714	266 724	294 468
Partnership, farms, 1987	118	69	63	117	111	97	88
farms, 1982	133	79	94	131	128	100	106
acres, 1987	(D)	26 355	15 639	36 578	43 079	27 874	31 349
acres, 1982	37 488	25 736	18 143	37 286	53 213	29 096	41 659
Corporation: Family held, farms, 1987	66	89	33	40	52	46	38
farms, 1982	74	74	43	35	48	43	18
acres, 1987	(D)	(D)	(D)	25 770	(D)	(D)	(D)
acres, 1982	(D)	(D)	23 590	(D)	(D)	(D)	8 527
Other than family held, farms, 1987	4	5	1	6	2	4	-
farms, 1982	4	4	1	3	2	6	1
acres, 1987	(D)	(D)	(D)	(D)	(D)	(D)	-
acres, 1982	2 626	1 363	(D)	53	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc., farms, 1987	4	6	4	6	6	3	2
farms, 1982	3	2	3	2	11	3	6
acres, 1987	(D)	(D)	(D)	(D)	1 353	760	(D)
acres, 1982	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]							
Total farm production expenses, farms	953	798	850	1 094	972	1 069	865
$1,000	74 414	63 381	57 503	81 868	99 060	82 037	64 595
Livestock and poultry purchased, farms	438	290	435	550	480	557	365
$1,000	10 271	10 800	7 572	13 146	20 768	15 091	13 806
Feed for livestock and poultry, farms	574	293	596	704	588	706	415
$1,000	13 083	7 161	9 325	12 795	25 349	15 385	10 285
Commercially mixed formula feeds, farms	343	174	389	457	268	388	210
$1,000	6 725	2 657	4 689	4 681	15 456	6 277	3 930
Seeds, bulbs, plants, and trees, farms	875	768	781	1 035	868	1 004	815
$1,000	3 600	3 741	3 129	4 117	3 728	3 741	3 532
Commercial fertilizer, farms	832	760	732	990	891	953	796
$1,000	5 312	5 264	4 715	7 067	5 374	5 925	5 234
Agricultural chemicals, farms	833	749	756	991	903	989	809
$1,000	3 899	3 879	3 119	4 315	3 532	4 225	3 527
Petroleum products, farms	944	790	839	1 073	909	1 066	842
$1,000	3 384	3 083	2 927	4 118	3 758	3 588	3 017
Electricity, farms	874	735	805	943	878	963	754
$1,000	1 393	958	1 188	1 618	1 564	1 455	(D)
Hired farm labor, farms	509	443	417	610	535	628	502
$1,000	3 988	3 598	1 672	3 315	5 197	3 071	2 674
Contract labor, farms	125	65	49	99	62	71	73
$1,000	432	197	115	337	311	162	(D)
Repair and maintenance, farms	828	778	825	987	869	981	751
$1,000	4 612	3 797	3 914	4 832	5 390	4 660	4 001
Customwork, machine hire, and rental of machinery and equipment, farms	616	421	522	618	571	700	508
$1,000	1 605	1 088	1 442	1 455	1 651	2 119	1 114
Interest, farms	635	600	677	791	695	766	610
$1,000	6 351	5 564	5 981	8 010	6 821	6 786	5 894
Cash rent, farms	496	408	404	539	538	538	418
$1,000	7 860	6 540	5 446	7 785	5 856	6 937	4 054
Property taxes, farms	771	579	705	901	750	897	688
$1,000	2 664	2 081	2 330	3 244	2 090	2 549	1 838
All other farm production expenses, farms	953	798	850	1 094	972	1 069	865
$1,000	5 869	5 632	4 427	5 713	7 671	6 343	4 485

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
OPERATOR CHARACTERISTICS—Con.							
Operators by days of work off farm—Con.							
Any—Con.							
150 to 199 days, 1987	34	20	30	29	22	25	28
150 to 199 days, 1982	25	24	27	25	21	28	25
200 days or more, 1987	171	135	132	129	133	152	69
200 days or more, 1982	135	105	126	145	132	155	77
Not reported, 1987	67	59	66	50	58	51	39
Not reported, 1982	148	91	113	90	123	105	45
1987 operators by years on present farm							
2 years or less	63	41	57	50	41	49	21
3 or 4 years	92	44	48	43	60	44	21
5 to 9 years	171	96	113	95	134	92	52
10 years or more	703	512	669	472	594	526	296
Average years on present farm	13.4	20.4	20.3	18.8	20.1	19.6	21.4
Not reported	151	80	81	93	110	113	57
1987 operators by age group							
Under 25 years	46	38	26	27	21	31	12
25 to 34 years	272	127	167	147	191	179	60
35 to 44 years	237	160	227	168	181	159	78
45 to 54 years	219	155	189	144	174	157	87
55 to 64 years	291	170	239	199	258	213	129
65 years and over	115	123	120	68	114	85	81
Average age	46.2	48.7	48.2	47.0	48.3	47.0	51.3
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms, 1987	991	657	794	629	787	703	397
farms, 1982	1 090	739	908	718	906	785	434
acres, 1987	298 609	268 969	250 601	240 085	273 956	217 013	176 845
acres, 1982	295 740	266 162	245 078	245 611	277 507	221 549	167 085
Partnership farms, 1987	119	84	99	63	112	88	39
farms, 1982	124	114	142	100	130	105	58
acres, 1987	36 528	36 636	40 637	(D)	37 641	24 369	17 451
acres, 1982	36 057	50 277	45 337	38 863	39 988	31 601	35 388
Corporation							
Family held farms, 1987	59	19	71	54	35	25	9
farms, 1982	54	26	75	44	22	24	10
acres, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)
acres, 1982	(D)	18 975	51 095	32 629	(D)	(D)	(D)
Other than family held farms, 1987	3	5	1	6	2	3	-
farms, 1982	9	1	1	7	4	3	3
acres, 1987	(D)	2 166	(D)	(D)	(D)	1 771	-
acres, 1982	1 819	(D)	(D)	3 159	498	(D)	1 486
Other—cooperative, estate or trust, institutional, etc. farms, 1987	8	8	3	1	3	5	2
farms, 1982	3	4	4	5	2	3	1
acres, 1987	1 207	(D)	757	(D)	(D)	(D)	(D)
acres, 1982	(D)	(D)	(D)	2 103	(D)	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]							
Total farm production expenses farms	1 183	772	965	754	940	826	443
$1,000	121 056	61 334	83 408	60 820	87 320	66 218	19 506
Livestock and poultry purchased farms	639	424	473	306	480	428	202
$1,000	42 566	16 221	16 855	4 625	26 381	13 076	(D)
Feed for livestock and poultry farms	813	532	670	407	536	541	385
$1,000	23 984	7 920	13 061	9 063	13 410	9 442	2 862
Commercially mixed formula feeds farms	344	302	402	234	257	342	144
$1,000	7 752	3 554	6 512	4 646	5 364	4 983	504
Seeds, bulbs, plants, and trees farms	1 103	704	932	715	889	810	420
$1,000	3 579	3 015	4 051	3 493	3 359	3 416	1 185
Commercial fertilizer farms	1 025	637	912	673	866	788	388
$1,000	5 473	3 994	6 056	5 416	4 537	5 451	1 718
Agricultural chemicals farms	1 053	680	931	687	881	800	403
$1,000	3 161	2 908	4 508	3 617	3 183	3 352	1 178
Petroleum products farms	1 161	741	958	754	912	825	428
$1,000	4 305	2 909	3 602	3 919	3 402	3 293	1 405
Electricity farms	1 061	695	873	654	871	772	409
$1,000	1 794	983	1 478	1 093	1 594	1 380	(D)
Hired farm labor farms	666	355	411	419	506	441	207
$1,000	4 430	2 167	2 677	2 827	2 974	2 579	510
Contract labor farms	72	72	84	78	93	49	26
$1,000	238	100	301	121	191	143	(D)
Repair and maintenance farms	1 074	689	900	676	885	791	399
$1,000	5 929	4 312	4 437	3 749	4 417	4 231	1 513
Customwork, machine hire, and rental of machinery and equipment farms	752	450	627	437	596	498	278
$1,000	1 793	1 197	1 505	1 907	2 038	1 086	423
Interest farms	865	543	724	522	675	588	327
$1,000	8 029	4 684	8 043	6 049	6 426	5 867	2 349
Cash rent farms	489	397	536	457	513	491	185
$1,000	6 047	4 290	7 951	7 876	6 287	5 078	1 035
Property taxes farms	958	654	770	559	722	707	402
$1,000	3 011	2 175	3 010	1 948	2 127	2 709	942
All other farm production expenses farms	1 183	772	965	754	940	826	443
$1,000	6 717	4 458	5 874	5 119	6 994	5 116	1 603

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
OPERATOR CHARACTERISTICS—Con.							
Operators by days of work off farm—Con.							
Any—Con.							
150 to 199 days 1987	21	43	41	26	43	27	19
1982	17	29	42	29	34	18	22
200 days or more 1987	108	176	220	207	162	115	109
1982	102	151	209	211	176	124	76
Not reported 1987	58	74	82	92	51	49	29
1982	87	116	125	142	78	58	55
1987 operators by years on present farm:							
2 years or less	36	96	78	64	38	30	23
3 or 4 years	30	86	50	64	35	18	24
5 to 9 years	96	181	147	123	77	90	47
10 years or more	502	884	741	684	484	342	301
Average years on present farm	20.4	19.2	19.3	19.8	21.5	19.9	20.9
Not reported	91	136	130	169	101	63	51
1987 operators by age group:							
Under 25 years	11	40	46	44	23	12	6
25 to 34 years	143	283	215	208	107	102	47
35 to 44 years	152	311	227	228	140	98	88
45 to 54 years	143	305	276	244	143	134	95
55 to 64 years	203	293	266	261	194	113	139
65 years and over	103	151	116	119	128	84	71
Average age	48.9	46.8	47.2	47.3	50.3	49.2	51.8
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms, 1987	639	1 067	956	966	603	486	373
1982	761	1 148	1 080	1 132	746	525	427
acres, 1987	252 670	311 272	287 090	324 234	224 781	183 952	172 590
1982	271 179	328 011	309 708	346 199	248 956	196 544	199 079
Partnership farms, 1987	60	279	114	103	77	45	57
1982	108	256	151	128	98	67	65
acres, 1987	(D)	90 444	(D)	38 167	34 074	29 795	(D)
1982	41 151	82 635	46 392	44 932	39 924	38 518	(D)
Corporation:							
Family held farms, 1987	50	30	69	31	48	8	14
1982	46	22	63	31	44	11	17
acres, 1987	(D)	17 335	(D)	23 945	(D)	(D)	(D)
1982	29 203	(D)	(D)	(D)	40 402	(D)	(D)
Other than family held farms, 1987	3	3	6	3	2	3	2
1982	3	5	6	3	3	1	1
acres, 1987	(D)	2 888	(D)	(D)	(D)	(D)	(D)
1982	(D)	(D)	356	51	2 202	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. farms, 1987	3	4	1	1	5	1	-
1982	5	2	3	7	5	1	2
acres, 1987	(D)	881	(D)	(D)	1 564	(D)	-
1982	(D)	(D)	(D)	(D)	1 336	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]							
Total farm production expenses farms	757	1 381	1 147	1 101	731	536	444
$1,000	66 588	99 133	91 272	85 008	52 453	24 911	26 728
Livestock and poultry purchased farms	353	699	571	683	241	306	232
$1,000	16 676	13 052	19 495	21 584	7 131	3 638	5 951
Feed for livestock and poultry farms	458	1 176	726	840	329	454	349
$1,000	11 191	21 729	11 168	13 689	4 662	4 986	4 400
Commercially mixed formula feeds farms	255	906	397	340	142	176	136
$1,000	4 230	11 858	4 221	4 142	1 648	1 896	1 161
Seeds, bulbs, plants, and trees farms	690	1 261	1 095	999	704	508	380
$1,000	3 276	3 741	4 347	3 613	3 038	1 353	1 069
Commercial fertilizer farms	665	1 158	1 065	950	681	465	356
$1,000	4 664	6 110	7 759	5 603	4 380	2 113	1 923
Agricultural chemicals farms	683	1 146	1 085	957	682	494	362
$1,000	3 035	3 156	4 518	3 023	3 247	1 176	1 302
Petroleum products farms	729	1 354	1 115	1 093	723	536	436
$1,000	3 026	4 914	4 075	3 803	2 526	1 350	1 410
Electricity farms	733	1 308	1 049	987	580	457	370
$1,000	1 074	3 108	1 741	(D)	863	605	450
Hired farm labor farms	413	879	641	664	338	279	206
$1,000	2 450	4 007	3 289	3 396	2 661	632	1 099
Contract labor farms	62	90	102	130	79	58	21
$1,000	93	140	114	(D)	269	178	93
Repair and maintenance farms	726	1 283	1 061	1 036	625	477	406
$1,000	4 328	7 915	4 969	4 674	3 058	1 788	2 117
Customwork, machine hire, and rental of machinery and equipment farms	493	849	759	764	417	298	273
$1,000	1 231	2 287	2 140	1 626	1 219	351	494
Interest farms	552	1 053	823	798	492	387	239
$1,000	5 299	10 064	8 050	7 744	5 740	2 435	1 979
Cash rent farms	307	486	610	505	379	202	175
$1,000	3 903	5 036	9 621	6 439	5 889	802	1 174
Property taxes farms	606	1 199	873	891	571	498	361
$1,000	1 952	4 080	3 070	2 481	2 412	1 239	960
All other farm production expenses farms	757	1 381	1 147	1 101	731	536	444
$1,000	4 390	9 794	6 896	5 409	5 358	2 264	2 316

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days 1987	33	15	16	41	12	37	31	25
1982	26	36	12	50	20	31	35	28
200 days or more 1987	166	132	67	235	58	194	153	136
1982	134	115	61	183	51	182	134	144
Not reported 1987	103	42	46	82	40	84	37	64
1982	137	55	55	159	74	136	79	119
1987 operators by years on present farm:								
2 years or less	71	14	26	49	23	77	50	43
3 or 4 years	92	31	44	94	24	66	37	42
5 to 9 years	182	57	44	201	56	146	104	114
10 years or more	795	351	316	868	354	678	497	592
Average years on present farm	17.7	23.2	20.3	19.3	19.4	20.2	19.8	20.6
Not reported	138	65	65	172	65	133	89	104
1987 operators by age group:								
Under 25 years	55	17	17	19	11	29	22	21
25 to 34 years	304	78	84	278	98	228	137	178
35 to 44 years	249	102	101	310	135	267	154	166
45 to 54 years	315	99	95	335	82	309	165	186
55 to 64 years	271	100	133	317	133	314	199	236
65 years and over	84	122	67	125	63	153	100	108
Average age	45.1	50.7	48.6	47.0	47.8	48.2	48.4	48.4
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms, 1987	1 062	412	420	1 110	465	1 057	644	751
1982	1 115	461	478	1 184	545	1 131	713	685
acres, 1987	271 578	148 140	180 259	240 981	188 893	309 012	218 442	273 144
1982	275 057	157 929	178 604	257 976	202 276	322 557	218 378	287 667
Partnership farms, 1987	170	48	42	252	39	179	66	81
1982	171	69	62	225	57	173	93	99
acres, 1987	46 899	(D)	(D)	62 208	(D)	56 686	(D)	32 516
1982	46 499	30 356	(D)	54 673	23 274	53 458	31 838	36 809
Corporation:								
Family held farms, 1987	40	55	30	17	16	55	60	54
1982	31	48	26	12	20	53	53	51
acres, 1987	(D)	25 836	23 824	7 720	(D)	(D)	42 264	(D)
1982	19 932	24 400	20 196	(D)	15 425	42 075	39 514	33 094
Other than family held farms, 1987	2	-	-	3	2	4	3	5
1982	2	-	4	6	3	4	4	8
acres, 1987	(D)	-	-	(D)	(D)	447	444	1 973
1982	(D)	-	(D)	1 768	137	(D)	1 284	4 011
Other—cooperative, estate or trust, institutional, etc. farms, 1987	4	3	5	2	-	5	4	4
1982	6	5	-	7	3	2	3	5
acres, 1987	(D)	(D)	(D)	(D)	-	(D)	(D)	(D)
1982	(D)	790	-	(D)	364	(D)	401	961
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses farms	1 276	512	498	1 390	564	1 296	779	896
$1,000	121 933	31 588	44 909	111 447	38 554	99 258	56 988	79 581
Livestock and poultry purchased farms	855	213	192	909	192	712	323	375
$1,000	18 732	3 335	12 878	23 372	6 796	14 806	8 095	12 021
Feed for livestock and poultry farms	1 099	276	298	1 275	232	936	412	494
$1,000	32 372	3 729	6 737	26 639	4 128	17 303	7 780	14 159
Commercially mixed formula feeds farms	782	155	168	936	106	646	223	310
$1,000	15 500	2 108	2 432	13 718	1 332	8 291	3 319	7 597
Seeds, bulbs, plants, and trees farms	1 177	483	467	1 252	547	1 212	751	816
$1,000	3 987	2 014	1 924	3 025	2 315	4 349	3 345	3 931
Commercial fertilizer farms	1 135	449	435	1 153	532	1 171	717	781
$1,000	7 309	3 081	2 654	5 395	3 453	7 427	4 598	6 006
Agricultural chemicals farms	1 145	465	453	1 200	526	1 159	739	809
$1,000	3 529	2 208	2 092	2 093	2 234	4 322	3 258	4 530
Petroleum products farms	1 256	504	480	1 379	557	1 265	772	891
$1,000	5 893	1 622	1 989	5 049	2 245	4 807	3 179	3 831
Electricity farms	1 182	432	472	1 318	485	1 209	711	843
$1,000	3 108	531	692	2 907	689	2 289	1 081	1 319
Hired farm labor farms	794	238	229	844	340	778	468	484
$1,000	4 804	1 220	1 900	5 591	1 347	4 675	2 899	3 496
Contract labor farms	85	49	62	106	56	89	98	37
$1,000	335	75	(D)	318	167	219	210	176
Repair and maintenance farms	1 182	457	446	1 317	512	1 185	752	808
$1,000	8 158	2 150	2 338	6 494	2 533	7 110	3 745	4 472
Customwork, machine hire, and rental of machinery and equipment farms	891	306	310	902	264	842	443	554
$1,000	1 776	959	(D)	1 971	700	2 311	1 150	2 337
Interest farms	921	260	311	894	417	923	603	679
$1,000	11 159	2 889	3 386	9 125	3 146	10 450	5 398	7 069
Cash rent farms	502	262	325	538	306	505	449	483
$1,000	6 819	3 711	3 886	5 295	4 733	7 633	5 502	8 121
Property taxes farms	984	401	364	1 117	397	1 096	630	697
$1,000	3 662	1 625	932	3 052	1 114	3 756	2 086	2 220
All other farm production expenses farms	1 275	512	498	1 390	564	1 296	778	896
$1,000	10 290	2 437	2 774	11 123	2 857	7 803	4 663	5 892

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days ... 1987	13	21	28	30	27	34	35	22
1982	22	18	18	20	24	25	30	27
200 days or more ... 1987	71	90	160	145	138	150	162	114
1982	61	133	169	141	122	98	153	105
Not reported ... 1987	38	49	57	76	6[illegible]	64	49	64
1982	66	94	102	85	10[illegible]	101	72	103
1987 operators by years on present farm:								
2 years or less	25	31	56	34	36	41	50	34
3 or 4 years	12	39	41	46	30	44	43	47
5 to 9 years	70	83	133	90	121	116	120	103
10 years or more	397	532	580	480	590	633	611	528
Average years on present farm	22.2	22.2	19.1	21.0	20.4	20.6	20.7	21.4
Not reported	74	94	98	85	104	94	97	113
1987 operators by age group:								
Under 25 years	8	15	25	17	18	26	21	16
25 to 34 years	91	131	153	108	160	168	172	148
35 to 44 years	116	148	196	155	172	192	190	157
45 to 54 years	96	135	219	135	180	208	194	147
55 to 64 years	144	232	214	198	232	237	213	205
65 years and over	123	118	101	122	119	97	131	152
Average age	51.4	50.1	48.0	50.2	49.0	48.0	48.4	50.1
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms, 1987	446	629	728	625	738	788	765	715
1982	515	740	831	733	875	904	845	831
acres, 1987	224 353	264 358	219 598	242 825	256 410	276 788	263 786	314 027
1982	227 655	264 466	219 488	253 277	277 407	274 894	259 237	332 965
Partnership ... farms, 1987	92	81	94	81	77	93	85	81
1982	84	94	99	85	105	143	99	87
acres, 1987	41 131	(D)	29 683	34 174	42 874	38 406	(D)	33 092
1982	40 671	40 912	29 814	40 464	44 652	47 866	42 061	40 051
Corporation								
Family held ... farms, 1987	32	62	76	21	57	37	63	24
1982	33	57	72	19	44	32	73	26
acres, 1987	(D)	(D)	64 441	(D)	40 232	23 518	35 209	26 573
1982	31 298	43 706	62 583	13 882	29 802	(D)	45 759	20 898
Other than family held ... farms, 1987	3	2	7	2	2	4	6	3
1982	1	6	7	2	3	5	7	4
acres, 1987	(D)	(D)	1 820	(D)	(D)	595	459	(D)
1982	(D)	(D)	(D)	(D)	426	385	1 470	(D)
Other—cooperative, estate or trust, institutional, etc. ... farms, 1987	5	5	3	6	7	6	2	2
1982	2	3	4	2	6	2	3	3
acres, 1987	1 536	(D)	682	(D)	(D)	1 283	(D)	(D)
1982	(D)	(D)	(D)	(D)	1 986	(D)	571	(D)
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ... farms	576	782	910	728	883	935	916	827
$1,000	45 591	58 608	91 453	42 773	96 589	73 631	69 966	56 395
Livestock and poultry purchased ... farms	172	223	381	349	309	419	407	325
$1,000	10 575	7 670	21 463	7 191	17 463	11 928	18 028	9 664
Feed for livestock and poultry ... farms	264	349	531	507	381	436	544	447
$1,000	5 303	6 627	12 488	5 587	26 143	10 786	15 008	5 680
Commercially mixed formula feeds ... farms	114	182	268	202	212	302	286	225
$1,000	1 275	2 984	5 050	1 815	20 152	5 489	5 303	1 867
Seeds, bulbs, plants, and trees ... farms	528	746	844	656	838	874	851	740
$1,000	2 925	3 544	3 703	2 060	3 664	4 053	4 140	3 616
Commercial fertilizer ... farms	522	721	816	612	800	843	813	728
$1,000	3 22[illegible]	5 154	6 002	3 339	5 146	6 211	5 804	5 555
Agricultural chemicals ... farms	524	708	849	660	812	883	818	729
$1,000	2 758	3 860	4 886	2 553	4 060	4 109	4 496	3 857
Petroleum products ... farms	560	755	895	722	873	914	893	791
$1,000	2 518	3 223	3 874	2 581	4 140	4 005	3 678	3 166
Electricity ... farms	534	752	793	622	788	860	815	743
$1,000	815	1 044	(D)	878	1 607	1 313	1 487	1 299
Hired farm labor ... farms	338	490	493	326	506	590	573	460
$1,000	2 892	3 224	3 799	1 366	5 170	3 229	3 818	2 531
Contract labor ... farms	104	97	91	75	60	53	55	132
$1,000	378	191	(D)	183	667	130	213	248
Repair and maintenance ... farms	534	752	815	624	791	855	833	734
$1,000	2 953	4 425	4 697	3 471	4 674	4 392	5 371	3 622
Customwork, machine hire, and rental of machinery and equipment ... farms	343	522	589	410	472	575	570	502
$1,000	1 088	1 908	2 284	1 183	995	1 565	1 854	1 323
Interest ... farms	348	546	720	481	645	709	635	596
$1,000	3 503	5 437	8 743	4 208	7 295	6 952	7 174	6 310
Cash rent ... farms	137	370	540	288	471	558	531	266
$1,000	1 815	4 789	9 505	2 608	6 333	7 238	8 987	2 884
Property taxes ... farms	487	588	667	584	673	746	718	669
$1,000	1 716	2 232	2 099	1 617	2 535	2 129	2 532	2 037
All other farm production expenses ... farms	576	782	910	720	883	934	916	827
$1,000	4 127	5 279	6 253	3 948	6 698	5 592	7 373	4 603

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
OPERATOR CHARACTERISTICS—Con.									
Operators by days of work off farm—Con.									
Any—Con.									
150 to 199 days	1987	29	21	16	21	26	38	30	19
	1982	19	38	13	13	20	51	28	25
200 days or more	1987	128	111	117	116	136	201	223	97
	1982	115	101	118	82	174	177	212	149
Not reported	1987	44	51	67	42	55	63	66	39
	1982	71	74	63	105	85	95	121	47
1987 operators by years on present farm:									
2 years or less		12	38	26	45	31	74	37	20
3 or 4 years		32	34	20	53	34	38	50	15
5 to 9 years		69	90	99	101	103	146	146	55
10 years or more		416	527	455	396	587	636	748	364
Average years on present farm		21.7	21.0	20.8	17.9	21.7	19.4	21.4	22.4
Not reported		78	91	85	94	94	125	126	70
1987 operators by age group:									
Under 25 years		13	16	9	17	23	35	26	7
25 to 34 years		89	138	118	142	154	200	174	81
35 to 44 years		136	133	132	153	153	176	224	104
45 to 54 years		118	175	150	115	174	246	217	110
55 to 64 years		151	211	179	199	206	249	286	137
65 years and over		100	107	97	63	139	113	180	85
Average age		49.9	49.5	49.4	47.5	49.3	47.8	49.6	50.3
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1987	501	668	582	579	714	854	863	433
	1982	594	758	663	649	808	959	1 014	550
	acres, 1987	170 355	214 142	223 008	205 885	238 250	256 734	303 006	163 587
	1982	180 395	218 527	220 337	211 909	255 386	270 446	321 631	186 940
Partnership	farms, 1987	53	92	68	81	94	130	160	61
	1982	72	103	90	95	134	150	184	75
	acres, 1987	(D)	32 717	(D)	35 658	40 696	45 702	56 333	27 171
	1982	21 985	34 014	38 999	31 823	48 017	44 773	70 675	26 286
Corporation:									
Family held	farms, 1987	47	17	27	24	34	29	77	25
	1982	40	23	20	23	21	25	67	24
	acres, 1987	(D)	12 469	(D)	(D)	(D)	16 251	48 639	(D)
	1982	(D)	(D)	(D)	10 932	(D)	(D)	39 367	(D)
Other than family held	farms, 1987	2	1	1	1	1	2	2	2
	1982	2	1	2	4	3	-	6	4
	acres, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1982	(D)	(D)	(D)	387	25 175	-	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	4	2	7	4	6	4	5	3
	1982	4	3	4	6	1	4	2	-
	acres, 1987	(D)	(D)	1 570	(D)	(D)	(D)	(D)	536
	1982	(D)	(D)	623	670	(D)	(D)	(D)	-
1987 FARM PRODUCTION EXPENSES[1]									
Total farm production expenses	farms	612	782	685	690	849	1 020	1 110	523
	$1,000	43 294	51 088	52 296	60 981	69 210	71 841	82 551	31 660
Livestock and poultry purchased	farms	282	388	221	376	487	665	498	240
	$1,000	5 296	6 508	11 085	17 901	13 418	18 612	14 427	3 992
Feed for livestock and poultry	farms	382	551	294	485	663	951	729	347
	$1,000	8 938	8 404	6 225	7 964	11 454	12 877	14 886	4 063
Commercially mixed formula feeds	farms	159	[illegible]2	122	214	365	520	356	171
	$1,000	5 243	4 171	1 545	2 872	4 923	5 813	4 716	1 365
Seeds, bulbs, plants, and trees	farms	582	697	653	610	814	881	988	476
	$1,000	2 044	2 603	3 029	2 629	3 113	2 203	4 150	1 831
Commercial fertilizer	farms	569	674	640	599	741	897	916	470
	$1,000	3 469	4 238	4 150	3 913	5 069	4 195	6 123	3 690
Agricultural chemicals	farms	552	658	638	604	600	869	987	475
	$1,000	2 505	3 103	3 051	2 634	3 281	1 779	4 308	1 872
Petroleum products	farms	604	768	683	676	830	930	1 095	515
	$1,000	2 038	2 823	2 440	2 302	3 042	3 080	3 840	2 053
Electricity	farms	550	733	564	634	778	979	992	508
	$1,000	698	1 135	752	1 014	1 193	1 560	1 675	627
Hired farm labor	farms	330	410	366	481	416	505	625	281
	$1,000	2 066	2 244	2 393	2 372	3 426	2 783	3 695	1 216
Contract labor	farms	46	42	73	39	53	52	89	28
	$1,000	86	55	167	94	137	55	211	75
Repair and maintenance	farms	547	711	593	656	774	907	986	484
	$1,000	2 619	3 345	3 149	3 229	4 453	4 670	5 097	2 320
Customwork, machine hire, and rental of machinery and equipment	farms	319	397	320	424	526	643	614	265
	$1,000	855	1 452	915	1 383	1 171	1 359	1 707	787
Interest	farms	473	604	458	522	642	712	772	379
	$1,000	4 535	5 200	4 648	4 630	6 382	6 435	6 792	2 852
Cash rent	farms	271	308	342	388	385	452	544	170
	$1,000	2 899	3 281	4 380	5 536	4 718	4 265	6 531	1 917
Property taxes	farms	526	675	505	532	738	895	848	463
	$1,000	2 062	2 218	1 603	1 402	2 810	2 333	3 264	1 568
All other farm production expenses	farms	612	782	685	690	843	1 020	1 109	523
	$1,000	3 183	4 478	4 311	3 978	5 542	5 634	5 846	2 796

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
OPERATOR CHARACTERISTICS—Con.									
Operators by days of work off farm—Con.									
Any—Con.									
150 to 199 days	1987	36	27	24	55	23	32	15	17
	1982	33	24	24	43	14	40	21	17
200 days or more	1987	197	161	113	199	136	288	75	68
	1982	219	169	130	172	175	310	80	82
Not reported	1987	59	54	65	105	36	80	39	29
	1982	110	91	113	188	44	99	52	58
1987 operators by years on present farm:									
2 years or less		37	40	33	60	17	53	16	9
3 or 4 years		52	45	34	75	24	62	22	13
5 to 9 years		94	117	81	188	70	125	58	39
10 years or more		648	637	530	1 064	425	743	326	267
Average years on present farm		21.5	20.1	21.1	20.4	22.6	20.8	21.6	22.6
Not reported		136	90	95	187	72	127	65	54
1987 operators by age group:									
Under 25 years		38	22	7	59	9	19	14	7
25 to 34 years		155	132	155	301	93	153	75	39
35 to 44 years		207	220	164	326	118	226	90	82
45 to 54 years		197	220	147	338	138	233	107	70
55 to 64 years		232	226	206	397	158	287	124	103
65 years and over		138	109	94	153	92	192	77	81
Average age		48.5	48.8	48.5	47.4	49.8	50.7	50.0	52.8
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1987	746	735	636	1 378	464	919	380	325
	1982	896	864	751	1 499	586	1 023	447	399
	acres, 1987	200 756	217 892	250 068	496 855	158 981	246 643	140 987	140 922
	1982	223 978	239 119	239 102	493 700	170 886	254 142	150 807	148 951
Partnership	farms, 1987	156	126	100	135	96	118	60	42
	1982	173	143	163	193	102	162	79	62
	acres, 1987	52 602	47 228	50 451	61 736	43 996	(D)	21 804	17 228
	1982	55 606	45 393	75 162	71 342	43 804	47 738	31 620	(D)
Corporation:									
Family held	farms, 1987	57	65	35	53	43	69	37	11
	1982	61	65	30	47	33	63	32	8
	acres, 1987	29 513	41 431	22 954	(D)	26 890	44 360	(D)	(D)
	1982	30 954	(D)	18 555	(D)	28 733	(D)	(D)	(D)
Other than family held	farms, 1987	4	2	1	4	1	-	4	1
	1982	4	3	6	5	2	2	-	-
	acres, 1987	976	(D)	(D)	(D)	(D)	-	(D)	(D)
	1982	(D)	2 094	(D)	(D)	(D)	(D)	-	-
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	4	1	1	4	4	4	6	3
	1982	1	3	2	3	3	7	2	-
	acres, 1987	938	(D)	(D)	(D)	(D)	(D)	(D)	2 438
	1982	(D)	(D)	(D)	670	(D)	1 499	(D)	-
1987 FARM PRODUCTION EXPENSES[1]									
Total farm production expenses	farms	966	931	778	1 569	606	1 108	486	381
	$1,000	71 828	91 566	61 111	123 151	42 401	74 632	32 927	17 955
Livestock and poultry purchased	farms	505	596	345	610	288	514	198	179
	$1,000	11 040	24 312	7 508	18 505	7 620	12 123	3 026	1 723
Feed for livestock and poultry	farms	679	756	555	771	451	728	276	277
	$1,000	17 544	16 538	10 563	17 314	7 644	9 513	3 936	3 206
Commercially mixed formula feeds	farms	448	429	232	380	240	430	112	150
	$1,000	10 483	6 741	4 250	6 689	2 950	3 444	1 470	892
Seeds, bulbs, plants, and trees	farms	901	863	731	1 543	560	1 045	468	360
	$1,000	3 059	3 417	3 204	6 696	2 103	4 074	2 143	979
Commercial fertilizer	farms	853	819	718	1 508	551	996	457	327
	$1,000	4 992	5 841	6 035	10 145	3 658	5 797	3 388	1 606
Agricultural chemicals	farms	862	822	732	1 523	553	1 042	463	350
	$1,000	3 429	3 228	3 901	6 479	2 244	3 626	2 364	783
Petroleum products	farms	957	908	765	1 548	599	1 081	474	355
	$1,000	3 337	3 704	3 585	7 088	2 044	3 663	1 913	1 097
Electricity	farms	885	874	706	1 389	580	1 027	463	372
	$1,000	1 278	1 471	1 097	2 245	791	1 470	530	331
Hired farm labor	farms	461	444	388	973	253	544	223	192
	$1,000	3 139	3 162	2 602	5 139	1 669	3 999	1 756	642
Contract labor	farms	62	77	37	120	57	106	29	21
	$1,000	190	166	139	255	84	328	102	19
Repair and maintenance	farms	901	853	732	1 472	577	1 040	450	345
	$1,000	4 303	4 886	4 147	8 129	2 703	4 7[illegible]1	2 283	1 449
Customwork, machine hire, and rental of machinery and equipment	farms	636	627	431	919	292	718	236	220
	$1,000	1 478	1 817	957	2 239	598	1 977	772	534
Interest	farms	721	672	549	1 074	415	710	343	254
	$1,000	6 108	7 965	5 630	11 818	4 016	7 592	3 886	1 859
Cash rent	farms	397	491	345	960	230	505	232	156
	$1,000	4 192	6 427	4 521	13 685	2 189	6 697	2 732	1 159
Property taxes	farms	857	733	678	1 186	571	930	396	303
	$1,000	2 889	2 551	2 525	3 586	1 911	3 476	1 545	835
All other farm production expenses	farms	966	931	778	1 568	606	1 108	486	381
	$1,000	4 850	6 082	4 697	9 830	3 128	5 516	2 554	1 733

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days, 1987	42	25	32	32	34	6	23	37
1982	22	27	22	23	26	10	26	25
200 days or more, 1987	156	135	159	186	137	68	127	85
1982	132	152	122	175	165	60	86	73
Not reported, 1987	75	50	93	37	49	39	43	51
1982	141	56	135	82	91	71	98	87
1987 operators by years on present farm:								
2 years or less	53	27	56	38	39	11	36	34
3 or 4 years	64	34	28	41	44	24	35	41
5 to 9 years	142	79	127	75	100	60	118	73
10 years or more	686	413	626	488	564	320	482	460
Average years on present farm	19.1	20.8	20.8	20.9	21.5	21.3	19.6	21.3
Not reported	160	79	114	97	92	66	95	91
1987 operators by age group:								
Under 25 years	53	7	33	13	14	9	22	14
25 to 34 years	251	91	176	97	128	73	144	122
35 to 44 years	199	138	179	136	168	108	160	124
45 to 54 years	221	127	174	170	183	92	177	154
55 to 64 years	256	143	223	191	215	113	181	167
65 years and over	125	126	166	129	131	86	82	118
Average age	46.3	51.0	49.0	51.1	50.0	50.2	47.6	49.6
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship), farms, 1987	976	543	789	612	658	370	647	595
1982	1 092	638	833	672	729	407	705	648
acres, 1987	282 791	204 791	248 884	194 250	231 821	171 985	212 336	301 675
1982	292 067	228 150	241 367	203 515	230 614	180 812	211 697	290 691
Partnership, farms, 1987	83	66	114	97	100	79	88	81
1982	115	99	185	142	124	95	113	104
acres, 1987	25 392	33 256	41 324	37 041	32 707	41 574	31 799	42 718
1982	36 022	36 581	68 916	53 366	38 310	45 667	36 891	49 970
Corporation:								
Family held, farms, 1987	41	18	41	25	70	30	27	18
1982	37	17	25	18	81	22	23	21
acres, 1987	(D)	(D)	(D)	(D)	47 534	(D)	15 209	(D)
1982	23 295	(D)	(D)	(D)	(D)	(D)	12 605	(D)
Other than family held, farms, 1987	3	2	4	3	6	-	2	2
1982	3	2	6	-	4	2	3	-
acres, 1987	28	(D)	(D)	(D)	2 724	-	(D)	(D)
1982	(D)	(D)	(D)	-	(D)	(D)	(D)	-
Other—cooperative, estate or trust, institutional, etc., farms, 1987	2	3	3	2	5	2	2	3
1982	2	3	1	5	3	1	4	1
acres, 1987	(D)	(D)	1 215	(D)	2 845	(D)	(D)	1 040
1982	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses, farms	1 106	640	951	741	838	480	763	696
$1,000	98 292	41 823	79 399	43 485	65 928	36 344	71 556	54 329
Livestock and poultry purchased, farms	718	344	524	344	374	205	435	281
$1,000	32 919	4 423	18 407	5 607	11 437	(D)	14 416	12 076
Feed for livestock and poultry, farms	814	479	699	520	497	254	538	346
$1,000	18 727	9 467	15 557	7 492	8 389	4 454	14 467	4 725
Commercially mixed formula feeds, farms	460	282	388	319	234	134	359	161
$1,000	8 926	6 938	7 069	3 823	2 810	2 669	7 714	1 542
Seeds, bulbs, plants, and trees, farms	1 039	565	899	688	730	470	655	670
$1,000	3 472	1 761	3 213	2 542	3 674	2 143	2 971	3 514
Commercial fertilizer, farms	951	542	886	660	704	453	623	640
$1,000	4 762	2 545	4 760	3 033	4 749	3 201	4 210	5 705
Agricultural chemicals, farms	1 004	563	877	629	739	460	656	639
$1,000	2 919	1 912	3 548	2 269	3 851	2 094	3 225	3 584
Petroleum products, farms	1 084	633	925	733	809	470	751	680
$1,000	3 684	1 864	3 363	2 268	3 340	1 812	3 305	3 044
Electricity, farms	1 016	589	829	701	755	450	709	582
$1,000	1 570	814	1 749	1 076	1 425	680	1 279	932
Hired farm labor, farms	588	326	455	452	449	225	397	403
$1,000	3 003	2 882	3 928	2 892	4 083	1 610	2 861	2 190
Contract labor, farms	91	68	69	53	51	32	50	135
$1,000	173	468	259	147	119	121	127	312
Repair and maintenance, farms	961	601	887	691	771	457	713	596
$1,000	4 468	3 068	4 547	2 892	4 155	2 360	4 077	3 328
Customwork, machine hire, and rental of machinery and equipment, farms	744	336	535	448	514	325	498	448
$1,000	1 209	594	1 305	1 050	1 383	(D)	1 637	1 369
Interest, farms	817	486	691	557	591	336	586	409
$1,000	6 914	3 210	6 814	4 057	5 445	2 852	6 541	3 795
Cash rent, farms	614	290	372	280	339	163	345	258
$1,000	6 066	2 429	4 189	2 644	6 453	1 796	5 508	3 904
Property taxes, farms	844	532	786	633	698	406	693	578
$1,000	1 823	1 705	2 550	1 831	2 444	1 447	2 169	1 800
All other farm production expenses, farms	1 106	640	941	741	837	480	763	696
$1,000	6 583	4 681	5 211	3 685	4 982	2 507	4 764	4 050

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days 1987	14	16	24	28	28	25	18	59
1982	13	18	22	20	18	18	25	31
200 days or more 1987	93	79	138	157	82	146	108	225
1982	120	64	148	143	63	104	73	194
Not reported 1987	40	44	48	79	43	48	64	119
1982	55	68	73	116	75	86	106	185
1987 operators by years on present farm:								
2 years or less	18	25	31	58	28	22	40	74
3 or 4 years	25	17	32	58	38	41	36	79
5 to 9 years	30	71	74	152	123	80	115	183
10 years or more	295	392	408	719	404	547	545	931
Average years on present farm	23.0	21.4	20.5	20.1	18.2	22.2	20.6	19.3
Not reported	69	54	67	124	67	78	95	204
1987 operators by age group:								
Under 25 years	11	11	21	33	23	18	24	41
25 to 34 years	50	93	95	220	169	116	164	295
35 to 44 years	71	111	110	208	118	148	160	332
45 to 54 years	89	92	147	220	151	131	136	289
55 to 64 years	131	137	158	329	161	192	246	345
65 years and over	85	115	81	101	38	163	101	169
Average age	52.2	50.3	49.0	47.7	45.4	51.3	48.4	47.3
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms, 1987	376	462	497	953	578	624	715	1 272
1982	419	499	596	1 042	663	682	776	1 394
acres, 1987	161 920	195 043	158 464	293 504	185 773	247 286	275 806	414 760
1982	169 201	195 830	162 634	288 308	201 651	250 613	269 023	421 115
Partnership farms, 1987	52	76	65	104	43	114	70	149
1982	50	97	85	124	49	129	97	192
acres, 1987	23 419	30 359	(D)	35 396	(D)	51 000	(D)	62 673
1982	22 335	37 772	31 515	42 724	18 465	50 603	36 648	66 800
Corporation:								
Family held farms, 1987	4	14	47	50	38	25	41	48
1982	2	19	58	47	33	20	51	34
acres, 1987	2 842	10 054	(D)	28 065	(D)	18 579	(D)	(D)
1982	(D)	(D)	32 720	(D)	22 405	14 137	(D)	(D)
Other than family held farms, 1987	3	2	1	3	-	2	1	-
1982	5	3	1	5	4	5	3	1
acres, 1987	(D)	(D)	(D)	(D)	-	(D)	(D)	-
1982	(D)	(D)	(D)	1 532	660	(D)	880	(D)
Other—cooperative, estate or trust, institutional, etc. farms, 1987	2	5	2	1	1	3	4	2
1982	-	4	3	3	3	4	4	3
acres, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982	-	(D)	(D)	(D)	420	(D)	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses farms	441	560	613	1 111	658	771	832	1 465
$1,000	23 299	39 085	43 720	113 999	52 458	50 755	63 947	132 970
Livestock and poultry purchased farms	181	258	239	511	312	368	377	941
$1,000	4 457	8 665	5 617	35 645	12 428	9 112	11 987	41 954
Feed for livestock and poultry farms	381	428	356	631	386	521	438	1 091
$1,000	3 722	5 068	5 878	21 605	9 113	5 860	8 880	25 202
Commercially mixed formula feeds farms	187	194	179	310	152	235	208	566
$1,000	1 489	2 282	2 308	7 112	3 189	2 142	2 250	8 531
Seeds, bulbs, plants, and trees farms	395	512	592	1 053	620	756	808	1 327
$1,000	1 036	2 285	2 313	4 272	2 370	4 415	3 563	4 772
Commercial fertilizer farms	383	517	552	978	608	693	788	1 273
$1,000	1 821	3 415	3 968	6 716	3 274	3 378	5 569	6 998
Agricultural chemicals farms	383	514	563	1 024	633	738	781	1 327
$1,000	980	2 212	2 600	3 718	2 239	2 445	3 506	4 437
Petroleum products farms	439	546	609	1 099	658	755	825	1 428
$1,000	1 279	2 239	2 335	4 196	2 437	2 264	3 374	4 833
Electricity farms	397	533	559	998	582	720	774	1 302
$1,000	358	801	846	1 897	890	873	1 145	2 319
Hired farm labor farms	202	233	267	629	330	407	503	821
$1,000	775	1 943	2 321	3 485	1 730	4 772	2 625	3 785
Contract labor farms	18	44	24	58	30	44	102	170
$1,000	33	109	46	495	102	104	210	396
Repair and maintenance farms	384	515	565	972	608	727	806	1 326
$1,000	1 355	2 619	2 752	5 031	3 132	2 888	4 192	6 984
Customwork, machine hire, and rental of machinery and equipment farms	198	373	317	704	370	534	440	918
$1,000	494	946	957	1 557	1 079	1 466	1 492	2 347
Interest farms	278	357	428	834	448	549	593	1 030
$1,000	2 435	2 743	4 596	8 374	3 826	4 251	5 960	8 218
Cash rent farms	148	196	348	664	390	318	408	897
$1,000	1 477	1 928	4 014	7 455	5 014	2 426	4 725	9 282
Property taxes farms	401	433	482	920	509	679	660	1 170
$1,000	1 020	1 367	1 916	2 228	1 195	2 014	2 292	2 762
All other farm production expenses farms	441	560	613	1 111	658	771	832	1 465
$1,000	2 057	2 746	3 562	7 326	3 630	4 488	4 429	8 681

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days, 1987	37	27	35	27	16	23	24	24
1982	27	25	47	22	17	31	39	22
200 days or more, 1987	109	146	169	138	66	142	173	146
1982	117	154	187	107	78	108	166	106
Not reported, 1987	73	48	77	57	55	77	54	76
1982	87	81	125	91	66	149	82	147
1987 operators by years on present farm:								
2 years or less	31	22	61	61	20	51	32	56
3 or 4 years	37	34	79	49	21	48	39	54
5 to 9 years	118	72	156	96	52	129	113	162
10 years or more	600	385	808	534	339	588	446	634
Average years on present farm	20.2	20.9	20.8	20.4	21.4	20.2	19.7	19.1
Not reported	106	67	137	93	72	118	102	126
1987 operators by age group:								
Under 25 years	20	11	39	21	11	35	16	35
25 to 34 years	161	79	221	137	83	170	127	214
35 to 44 years	183	109	248	167	82	190	154	230
45 to 54 years	178	109	224	185	92	179	169	185
55 to 64 years	238	165	344	195	131	238	170	247
65 years and over	112	107	165	128	105	122	96	121
Average age	48.3	51.5	48.7	49.1	51.2	48.0	48.4	47.0
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship), farms, 1987	766	434	997	701	427	755	616	895
1982	907	557	1 099	792	508	840	706	1 004
acres, 1987	284 641	154 973	397 666	257 486	204 455	266 833	164 787	295 549
1982	299 273	162 675	385 768	266 854	231 712	265 249	170 629	290 337
Partnership, farms, 1987	76	61	154	106	61	116	50	94
1982	67	86	232	139	77	147	91	110
acres, 1987	30 058	26 283	72 621	46 282	39 802	58 438	(D)	28 705
1982	25 208	27 358	103 783	(D)	(D)	62 338	26 224	38 393
Corporation:								
Family held, farms, 1987	43	58	76	21	9	50	62	38
1982	44	50	70	22	14	49	60	37
acres, 1987	(D)	(D)	51 893	15 972	(D)	27 240	(D)	(D)
1982	29 180	33 612	46 126	18 473	10 976	26 191	(D)	(D)
Other than family held, farms, 1987	2	1	14	-	2	7	1	2
1982	3	9	12	2	2	6	3	5
acres, 1987	(D)	(D)	3 426	-	(D)	(D)	(D)	(D)
1982	(D)	5 807	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc., farms, 1987	5	6	-	5	5	6	3	3
1982	6	3	4	-	-	1	1	3
acres, 1987	(D)	3 359	-	2 300	3 560	(D)	(D)	(D)
1982	(D)	468	(D)	-	-	(D)	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses, farms	892	577	1 241	829	505	934	734	1 031
$1,000	67 130	35 499	107 332	55 993	26 933	97 087	63 732	78 703
Livestock and poultry purchased, farms	343	146	625	437	298	452	331	538
$1,000	12 251	2 670	27 720	8 426	4 133	28 140	12 210	19 442
Feed for livestock and poultry, farms	478	217	806	610	438	598	458	754
$1,000	11 041	2 511	11 044	8 087	4 321	16 454	9 136	12 879
Commercially mixed formula feeds, farms	254	98	333	261	140	303	284	347
$1,000	3 939	1 143	3 735	3 547	1 589	6 004	4 011	4 482
Seeds, bulbs, plants, and trees, farms	853	539	1 184	787	434	847	688	957
$1,000	3 702	2 824	5 416	3 009	1 271	3 473	3 211	3 327
Commercial fertilizer, farms	798	538	1 104	713	446	778	657	925
$1,000	5 192	4 120	7 852	4 667	2 097	4 988	4 595	5 834
Agricultural chemicals, farms	808	523	1 146	765	426	785	680	949
$1,000	3 437	2 476	6 220	2 984	1 391	3 476	3 247	3 318
Petroleum products, farms	878	560	1 225	816	497	885	724	1 012
$1,000	3 271	2 040	5 312	2 997	1 573	3 609	3 231	3 612
Electricity, farms	801	486	1 139	755	466	879	673	968
$1,000	1 201	509	2 078	1 061	516	1 448	1 082	1 679
Hired farm labor, farms	486	285	640	398	199	525	319	554
$1,000	2 169	2 724	5 232	2 451	1 157	5 325	2 365	2 257
Contract labor, farms	40	60	128	56	35	102	77	78
$1,000	109	601	488	229	108	344	203	149
Repair and maintenance, farms	840	489	1 165	756	483	863	713	987
$1,000	4 137	2 325	6 534	4 587	2 169	5 167	3 294	5 148
Customwork, machine hire, and rental of machinery and equipment, farms	445	283	669	426	231	544	407	635
$1,000	965	936	1 910	1 039	703	1 914	1 073	1 241
Interest, farms	665	327	856	537	362	711	474	765
$1,000	6 548	2 982	8 882	5 209	2 787	7 455	7 096	5 768
Cash rent, farms	419	245	609	380	212	465	444	566
$1,000	5 095	3 950	7 939	4 020	1 024	7 009	6 163	6 598
Property taxes, farms	669	461	967	679	405	727	608	820
$1,000	1 824	1 712	3 246	2 043	1 129	2 141	2 785	2 325
All other farm production expenses, farms	892	577	1 241	829	505	934	734	1 031
$1,000	6 188	3 118	7 461	5 182	2 554	6 145	4 040	5 126

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
OPERATOR CHARACTERISTICS—Con.									
Operators by days of work off farm—Con.									
Any—Con.									
150 to 199 days	1987	59	22	27	18	26	28	17	35
	1982	40	25	28	14	13	22	13	32
200 days or more	1987	349	208	170	103	75	90	131	192
	1982	278	203	177	87	109	86	138	192
Not reported	1987	144	61	63	47	36	28	32	36
	1982	233	93	122	79	46	61	54	57
1987 operators by years on present farm:									
2 years or less		106	49	44	26	15	20	26	34
3 or 4 years		110	49	63	31	24	11	20	22
5 to 9 years		210	98	123	77	49	51	47	71
10 years or more		1 076	592	764	359	321	364	330	472
Average years on present farm		19.1	20.5	21.3	20.9	22.8	22.1	21.2	21.2
Not reported		278	97	121	71	51	44	69	93
1987 operators by age group:									
Under 25 years		71	14	24	12	12	9	5	12
25 to 34 years		354	156	162	93	63	61	56	88
35 to 44 years		386	178	227	120	86	103	110	126
45 to 54 years		363	161	249	96	98	108	105	173
55 to 64 years		450	230	288	123	109	113	98	176
65 years and over		146	146	165	120	92	96	118	117
Average age		46.4	49.8	49.9	50.2	51.1	50.9	52.1	51.2
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1987	1 501	690	921	485	396	414	426	558
	1982	1 594	804	1 027	549	467	482	481	622
	acres, 1987	368 711	231 632	309 081	220 254	178 719	171 528	144 739	197 614
	1982	375 149	243 654	319 059	209 040	169 158	189 691	158 478	208 115
Partnership	farms, 1987	215	89	143	65	48	54	45	93
	1982	257	90	160	89	53	76	47	117
	acres, 1987	66 209	(D)	57 081	(D)	23 418	27 920	20 067	36 255
	1982	68 305	25 915	58 618	49 681	39 006	(D)	17 846	46 266
Corporation:									
Family held	farms, 1987	55	92	48	14	15	19	20	36
	1982	42	78	41	21	14	18	24	33
	acres, 1987	27 833	(D)	(D)	(D)	(D)	11 915	(D)	26 283
	1982	(D)	55 596	(D)	(D)	(D)	(D)	(D)	(D)
Other than family held	farms, 1987	5	7	2	-	1	2	-	3
	1982	6	3	1	-	2	4	1	10
	acres, 1987	(D)	(D)	(D)	-	(D)	(D)	-	(D)
	1982	(D)	394	(D)	-	(D)	(D)	(D)	2 258
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	4	7	1	-	-	1	1	2
	1982	5	7	1	1	2	-	2	1
	acres, 1987	(D)	(D)	(D)	-	-	(D)	(D)	(D)
	1982	(D)	1 973	(D)	(D)	(D)	-	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]									
Total farm production expenses	farms	1 777	888	1 107	567	462	483	493	691
	$1,000	274 128	72 277	78 649	27 816	28 855	23 900	25 927	36 567
Livestock and poultry purchased	farms	1 194	326	525	273	238	211	240	320
	$1,000	115 840	13 285	11 282	3 571	7 777	2 961	4 286	5 517
Feed for livestock and poultry	farms	1 351	426	763	418	342	365	347	475
	$1,000	61 977	11 276	10 925	4 480	4 966	4 112	3 798	6 073
Commercially mixed formula feeds	farms	632	243	326	212	112	238	199	289
	$1,000	18 332	5 575	4 196	1 497	2 440	1 586	1 646	2 914
Seeds, bulbs, plants, and trees	farms	1 514	807	1 041	522	431	452	421	619
	$1,000	5 712	3 518	4 446	1 459	1 167	1 346	1 267	1 983
Commercial fertilizer	farms	1 407	753	992	478	403	427	387	570
	$1,000	8 448	5 111	6 662	2 221	1 810	2 047	2 226	2 641
Agricultural chemicals	farms	1 507	794	990	497	403	438	408	597
	$1,000	5 256	3 729	4 729	1 670	1 153	1 646	1 329	1 992
Petroleum products	farms	1 719	854	1 088	558	462	476	486	668
	$1,000	5 954	3 331	3 945	1 778	1 366	1 202	1 463	2 002
Electricity	farms	1 630	782	989	477	410	422	439	616
	$1,000	3 322	1 407	1 516	623	(D)	513	410	699
Hired farm labor	farms	1 138	472	517	295	215	214	226	311
	$1,000	10 027	4 275	3 739	1 080	1 158	1 258	1 077	2 209
Contract labor	farms	123	81	47	48	37	35	49	77
	$1,000	667	133	261	109	(D)	62	124	337
Repair and maintenance	farms	1 556	825	994	516	397	427	421	658
	$1,000	8 837	4 594	5 130	2 217	1 445	1 757	1 899	2 499
Customwork, machine hire, and rental of machinery and equipment	farms	1 036	503	645	317	315	297	214	359
	$1,000	2 389	1 742	1 600	612	667	560	526	747
Interest	farms	1 273	607	778	410	279	308	279	509
	$1,000	13 638	6 303	6 914	2 819	2 260	2 146	2 442	3 492
Cash rent	farms	987	411	555	199	169	119	199	195
	$1,000	14 211	5 896	8 672	1 287	1 072	875	1 973	1 832
Property taxes	farms	1 475	704	931	453	400	415	420	575
	$1,000	2 954	2 354	3 006	1 126	1 346	1 249	1 091	1 676
All other farm production expenses	farms	1 776	888	1 107	567	462	483	493	691
	$1,000	14 897	5 323	5 821	2 783	2 134	2 166	2 018	2 867

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days, 1987	31	13	30	22	42	39	13	24
1982	22	11	32	22	32	34	17	15
200 days or more, 1987	148	74	172	92	170	171	74	106
1982	142	74	147	82	139	171	83	115
Not reported, 1987	81	68	83	44	90	75	39	42
1982	96	65	122	93	162	147	70	81
1987 operators by years on present farm:								
2 years or less	46	14	43	28	68	48	26	42
3 or 4 years	58	27	75	28	60	64	15	28
5 to 9 years	127	56	128	88	206	128	46	81
10 years or more	581	339	670	421	612	659	401	559
Average years on present farm	19.3	22.7	20.0	20.4	19.8	20.7	22.3	22.5
Not reported	119	76	118	70	162	124	52	86
1987 operators by age group:								
Under 25 years	28	17	20	22	40	23	18	11
25 to 34 years	172	52	186	121	268	163	88	115
35 to 44 years	192	84	195	113	257	229	101	150
45 to 54 years	208	99	214	132	257	195	102	169
55 to 64 years	221	149	291	178	319	260	158	224
65 years and over	110	111	128	69	167	151	73	127
Average age	47.7	52.7	49.1	47.9	47.9	49.3	49.6	50.5
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship), farms, 1987	699	439	889	550	1 080	889	475	701
1982	758	526	979	631	1 174	1 061	564	792
acres, 1987	212 158	216 138	332 111	192 537	272 899	351 779	179 145	287 726
1982	219 732	220 379	334 080	196 313	301 648	380 695	183 586	285 008
Partnership, farms, 1987	132	59	92	47	201	103	47	48
1982	174	70	115	71	252	136	81	88
acres, 1987	44 870	29 727	42 147	15 935	68 585	60 756	26 100	(D)
1982	59 110	35 683	47 318	18 650	69 793	63 619	35 565	39 767
Corporation:								
Family held, farms, 1987	87	8	42	38	15	25	17	44
1982	71	17	37	28	18	22	14	41
acres, 1987	(D)	(D)	(D)	28 902	7 494	(D)	(D)	(D)
1982	(D)	11 623	(D)	(D)	(D)	(D)	(D)	(D)
Other than family held, farms, 1987	9	1	5	-	2	1	-	1
1982	12	1	6	-	1	4	1	2
acres, 1987	(D)	(D)	(D)	-	(D)	(D)	-	(D)
1982	4 427	(D)	4 048	-	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc., farms, 1987	4	5	6	-	10	3	1	2
1982	5	2	7	1	4	4	3	4
acres, 1987	755	(D)	(D)	-	(D)	(D)	(D)	(D)
1982	(D)	(D)	(D)	(D)	(D)	712	(D)	(D)
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses, farms	936	506	1 032	636	1 306	1 027	537	795
$1,000	82 535	24 626	71 794	43 934	84 229	96 808	43 939	58 297
Livestock and poultry purchased, farms	568	255	255	283	747	445	282	263
$1,000	11 436	4 557	5 840	4 956	15 039	30 176	6 459	7 176
Feed for livestock and poultry, farms	750	394	401	326	1 158	599	370	334
$1,000	22 361	3 075	12 866	4 875	18 521	14 077	6 962	5 731
Commercially mixed formula feeds, farms	420	236	161	207	770	249	221	221
$1,000	12 683	1 354	7 570	2 187	8 227	3 997	3 210	3 256
Seeds, bulbs, plants, and trees, farms	858	449	967	588	1 183	961	500	773
$1,000	3 206	1 195	4 152	2 777	3 033	4 099	2 410	4 096
Commercial fertilizer, farms	798	421	926	572	1 168	928	506	750
$1,000	5 069	2 042	5 715	3 703	4 800	7 023	3 635	5 395
Agricultural chemicals, farms	822	414	928	609	1 157	951	512	768
$1,000	3 505	1 251	4 692	2 741	2 653	4 349	2 677	4 145
Petroleum products, farms	918	486	1 018	636	1 261	1 012	536	794
$1,000	3 799	1 482	3 856	2 478	4 251	3 655	2 382	3 147
Electricity, farms	859	480	900	547	1 203	909	488	729
$1,000	1 429	477	1 436	631	2 223	1 560	659	977
Hired farm labor, farms	492	229	567	369	721	674	328	477
$1,000	4 091	600	4 993	1 294	3 423	3 132	1 329	2 624
Contract labor, farms	61	31	106	88	91	208	52	67
$1,000	161	169	165	102	225	485	97	129
Repair and maintenance, farms	855	450	912	593	1 246	952	506	734
$1,000	5 000	1 834	5 006	2 525	6 108	4 894	2 539	4 041
Customwork, machine hire, and rental of machinery and equipment, farms	525	270	453	377	928	724	372	443
$1,000	1 230	609	941	911	1 970	2 070	648	1 348
Interest, farms	631	333	613	522	925	695	415	346
$1,000	6 214	2 238	5 937	5 432	7 596	6 655	4 084	6 560
Cash rent, farms	388	136	461	386	553	450	334	383
$1,000	5 120	1 399	4 759	6 631	4 595	5 535	5 450	5 720
Property taxes, farms	737	467	784	528	1 111	841	483	589
$1,000	2 536	1 302	2 476	1 405	3 452	2 867	1 563	2 042
All other farm production expenses, farms	928	506	1 032	636	1 306	1 027	537	795
$1,000	7 378	2 386	8 961	3 272	8 342	6 229	3 046	5 166

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms, 1987	82 599	770	518	864	508	700	1 183
	1982	93 542	896	598	947	514	794	1 321
	$1,000, 1987	5 242 462	47 044	24 559	53 868	21 018	42 775	74 720
	1982	6 427 053	48 344	33 242	63 743	20 458	49 454	94 979
Average per farm	dollars, 1987	63 469	61 096	47 412	62 347	41 374	61 107	63 161
	1982	68 708	53 956	55 589	67 310	39 801	62 284	71 899
Motortrucks, including pickups	farms, 1987	75 990	738	507	798	474	626	1 115
	1982	84 760	853	561	861	431	729	1 221
	number, 1987	121 204	1 095	795	1 115	711	1 002	1 684
	1982	127 286	1 113	908	1 132	640	1 062	1 790
Wheel tractors	farms, 1987	78 229	760	509	835	464	645	1 143
	1982	86 999	861	567	876	472	709	1 240
	number, 1987	264 379	2 188	1 395	3 100	1 153	2 208	3 792
	1982	274 255	2 617	1 662	2 972	1 201	2 230	3 996
Grain and bean combines[2]	farms, 1987	51 340	446	301	427	252	407	687
	1982	52 528	511	341	354	237	428	837
	number, 1987	55 396	453	330	428	322	427	714
	1982	55 135	567	352	354	245	459	867
LIVESTOCK AND POULTRY								
Cattle and calves inventory	farms, 1987	40 741	571	383	752	419	356	579
	1982	52 300	721	460	868	427	510	720
	number, 1987	4 131 811	60 567	40 528	85 252	44 217	43 472	69 555
	1982	5 610 550	81 003	52 717	102 356	46 068	77 802	68 524
Cows and heifers that had calved	farms, 1987	31 662	502	380	677	396	265	463
	1982	40 842	662	422	801	406	354	563
	number, 1987	1 337 250	26 424	18 631	37 628	22 892	12 695	15 574
	1982	1 776 598	34 385	22 669	45 646	24 212	20 198	21 109
Beef cows	farms, 1987	25 846	487	357	367	387	252	414
	1982	33 858	642	416	490	399	331	501
	number, 1987	1 044 065	25 324	(D)	17 385	22 179	12 244	13 202
	1982	1 440 053	32 867	22 090	24 012	23 462	19 230	18 316
Milk cows	farms, 1987	7 247	32	14	414	37	17	62
	1982	9 630	69	23	481	43	37	92
	number, 1987	293 185	1 100	(D)	20 243	713	451	2 372
	1982	336 545	1 518	579	21 634	750	968	2 793
Heifers and heifer calves	farms, 1987	32 079	478	319	687	342	269	463
	number, 1987	1 232 578	14 734	9 293	25 828	9 515	14 320	19 468
Steers, steer calves, bulls, and bull calves	farms, 1987	35 469	527	345	665	375	308	504
	number, 1987	1 561 983	19 409	12 604	21 796	11 810	16 457	34 513
Cattle and calves sold	farms, 1987	42 170	593	389	769	440	377	595
	1982	53 436	738	477	873	440	534	738
	number, 1987	3 461 601	37 783	24 914	38 721	26 544	40 605	61 387
	1982	4 497 536	47 594	34 084	42 819	24 509	59 845	55 393
Calves	farms, 1987	12 434	161	123	320	210	75	146
	number, 1987	324 299	4 488	4 467	7 598	8 105	2 043	2 499
Cattle	farms, 1987	37 500	524	332	688	357	339	540
	1982	46 858	644	395	754	340	469	661
	number, 1987	3 137 302	33 295	20 447	31 123	18 439	38 562	58 888
	1982	4 045 949	40 606	27 837	32 332	16 066	55 301	50 729
Fattened on grain and concentrates	farms, 1987	20 611	290	138	205	78	226	335
	number, 1987	2 393 989	22 293	11 607	12 307	3 861	33 163	50 543
Hogs and pigs inventory	farms, 1987	34 159	356	199	389	110	328	521
	1982	42 415	485	285	431	155	424	641
	number, 1987	12 895 969	64 867	55 163	112 973	15 787	127 810	171 015
	1982	14 205 892	111 610	72 936	110 904	23 338	147 190	203 131
Used or to be used for breeding	farms, 1987	25 482	261	163	327	77	237	377
	1982	31 988	380	199	360	118	295	486
	number, 1987	1 641 095	11 481	7 741	15 756	1 891	15 485	20 677
	1982	1 676 849	14 254	8 588	14 939	2 906	15 798	24 973
Other	farms, 1987	32 937	347	185	378	100	311	503
	1982	40 614	459	268	408	151	403	624
	number, 1987	11 254 874	73 386	47 422	97 217	13 896	112 325	150 338
	1982	12 529 043	97 356	64 348	95 965	20 432	131 392	178 158
Hogs and pigs sold	farms, 1987	35 888	368	215	402	121	341	542
	1982	45 253	514	313	458	170	464	687
	number, 1987	23 367 520	151 203	87 900	167 849	30 659	238 000	295 457
	1982	23 613 292	170 320	114 900	202 462	34 229	256 573	307 092
Feeder pigs	farms, 1987	8 151	59	39	119	24	79	93
	1982	9 514	96	52	132	29	101	105
	number, 1987	4 405 253	23 030	12 416	39 654	4 722	60 356	39 309
	1982	4 217 818	26 065	15 177	69 773	(D)	56 810	40 952
Sheep and lambs inventory	farms, 1987	6 046	55	23	62	64	44	135
	1982	7 233	91	37	53	60	54	143
	number, 1987	376 723	2 466	2 147	1 598	3 807	3 160	8 373
	1982	398 311	4 845	1 681	1 471	4 835	4 955	4 743
Sheep and lambs sold	farms, 1987	6 177	56	29	61	69	50	126
	1982	7 519	93	35	50	63	59	142
	number, 1987	546 920	2 358	2 621	1 201	3 418	3 176	10 454
	1982	424 691	6 123	1 610	1 179	4 124	5 671	3 554
Hens and pullets of laying age inventory	farms, 1987	3 255	45	25	32	29	26	43
	1982	5 198	79	49	67	33	48	79
	number, 1987	8 148 440	(D)	(D)	(D)	(D)	(D)	(D)
	1982	8 115 934	(D)	4 976	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold	farms, 1987	768	11	2	3	-	17	12
	1982	769	9	3	7	2	6	16
	number, 1987	582 165	(D)	(D)	(D)	-	4 225	(D)
	1982	365 684	(D)	(D)	11 420	(D)	(D)	6 538

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms, 1987	946	798	850	1 094	972	1 069	865
1982	1 036	921	1 000	1 154	1 079	1 213	1 019
$1,000, 1987	62 687	55 416	54 691	63 944	65 568	63 176	58 972
1982	75 369	70 863	64 788	79 991	78 380	79 173	73 432
Average per farm ... dollars, 1987	66 265	69 443	64 342	58 450	67 456	59 098	68 176
1982	72 750	76 941	64 788	69 316	72 641	65 271	72 063
Motortrucks, including pickups ... farms, 1987	850	764	752	914	869	928	775
1982	983	815	917	993	986	1 040	912
number, 1987	1 548	1 253	1 134	1 371	1 416	1 329	1 240
1982	1 512	1 311	1 243	1 503	1 468	1 382	1 453
Wheel tractors ... farms, 1987	892	755	808	1 015	902	1 011	834
1982	969	899	971	1 099	1 022	1 094	905
number, 1987	2 973	2 652	2 866	3 361	3 112	3 457	2 880
1982	2 977	2 647	3 022	3 338	3 241	3 373	2 815
Grain and bean combines[2] ... farms, 1987	609	606	534	628	643	732	560
1982	564	578	544	628	679	712	636
number, 1987	649	621	554	677	696	751	598
1982	633	585	551	655	708	753	671
LIVESTOCK AND POULTRY							
Cattle and calves inventory ... farms, 1987	333	242	460	549	220	481	200
1982	463	355	582	619	348	635	373
number, 1987	23 189	23 128	32 570	35 650	29 886	31 364	22 041
1982	34 967	33 702	38 052	44 751	46 037	43 104	41 122
Cows and heifers that had calved ... farms, 1987	211	171	335	434	138	324	136
1982	327	252	454	491	227	447	250
number, 1987	6 892	5 365	12 179	12 046	4 850	8 857	4 653
1982	10 666	8 234	14 601	14 946	9 929	13 609	8 708
Beef cows ... farms, 1987	145	162	116	202	127	226	132
1982	225	235	194	272	220	317	236
number, 1987	3 657	4 823	3 161	6 102	(D)	5 201	(D)
1982	6 423	7 642	4 018	8 515	9 363	8 745	8 407
Milk cows ... farms, 1987	79	16	233	253	14	110	7
1982	134	28	297	266	14	164	23
number, 1987	3 235	542	9 018	5 944	(D)	3 656	(D)
1982	4 243	592	10 783	6 431	566	4 864	301
Heifers and heifer calves ... farms, 1987	244	188	347	450	167	356	148
number, 1987	7 081	8 595	10 025	10 605	9 416	9 032	6 415
Steers, steer calves, bulls, and bull calves ... farms, 1987	294	208	356	469	180	433	172
number, 1987	9 216	9 158	10 366	12 999	15 620	13 475	10 973
Cattle and calves sold ... farms, 1987	343	247	462	557	223	497	213
1982	469	362	576	607	356	650	384
number, 1987	16 582	22 524	18 651	28 421	34 627	25 200	25 174
1982	22 932	31 169	19 354	29 435	43 091	29 889	49 702
Calves ... farms, 1987	95	59	183	233	24	114	47
number, 1987	2 557	834	2 909	3 279	766	2 077	1 082
Cattle ... farms, 1987	312	226	419	475	213	457	187
1982	430	328	517	536	333	587	334
number, 1987	14 025	21 690	15 742	25 142	33 861	23 123	24 092
1982	20 762	28 960	16 357	26 578	41 633	26 590	47 648
Fattened on grain and concentrates ... farms, 1987	186	146	203	244	159	302	121
number, 1987	10 394	18 079	10 935	18 847	30 302	18 475	21 159
Hogs and pigs inventory ... farms, 1987	365	223	306	524	419	491	252
1982	400	315	391	559	507	606	378
number, 1987	161 650	89 657	92 147	190 242	211 505	191 209	104 726
1982	136 277	103 264	97 860	192 183	216 176	199 074	123 956
Used or to be used for breeding ... farms, 1987	236	152	224	397	297	336	180
1982	259	223	291	435	365	424	259
number, 1987	15 477	9 601	12 300	25 402	24 890	22 416	11 162
1982	13 846	11 661	11 710	22 485	23 328	21 658	13 119
Other ... farms, 1987	348	218	293	496	406	479	238
1982	385	295	375	527	495	589	359
number, 1987	146 373	80 256	79 847	164 840	186 615	168 793	93 564
1982	122 431	91 603	86 150	169 698	192 848	177 416	110 837
Hogs and pigs sold ... farms, 1987	380	238	324	542	449	520	282
1982	424	329	415	593	544	657	408
number, 1987	274 583	176 737	179 130	371 961	387 636	366 044	203 299
1982	229 871	185 102	171 725	336 104	369 008	327 848	210 877
Feeder pigs ... farms, 1987	97	39	86	177	97	120	57
1982	85	77	95	164	95	131	86
number, 1987	38 285	41 522	32 620	99 987	(D)	67 985	34 896
1982	27 387	32 697	26 609	75 818	67 182	50 627	32 936
Sheep and lambs inventory ... farms, 1987	59	65	62	90	68	97	71
1982	75	73	80	84	66	119	90
number, 1987	2 779	3 462	2 255	1 980	5 991	4 385	4 814
1982	3 405	2 257	1 928	2 334	7 829	4 270	6 058
Sheep and lambs sold ... farms, 1987	63	65	59	76	69	103	78
1982	77	80	77	84	69	115	95
number, 1987	4 225	3 154	2 255	1 586	5 179	4 586	4 849
1982	3 477	2 548	1 452	1 854	7 793	4 663	6 823
Hens and pullets of laying age inventory ... farms, 1987	30	23	36	95	21	51	16
1982	55	41	60	105	44	84	35
number, 1987	(D)	(D)	14 758	78 203	51 556	(D)	(D)
1982	(D)	(D)	26 120	(D)	75 264	(D)	(D)
Broilers and other meat-type chickens sold ... farms, 1987	12	1	6	20	13	19	7
1982	10	2	16	25	15	18	6
number, 1987	5 220	(D)	2 384	(D)	(D)	5 603	3 980
1982	1 417	(D)	1 571	6 626	4 980	8 944	1 055

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms, 1987	1 176	772	965	754	940	826	443
	1982	1 280	884	1 130	874	1 064	920	506
	$1,000, 1987	64 496	44 669	68 041	57 562	56 020	49 799	19 504
	1982	73 958	60 271	94 386	70 521	70 204	58 758	27 960
Average per farm	dollars, 1987	54 843	57 861	70 509	76 342	59 595	60 289	44 027
	1982	57 780	68 180	83 527	80 688	65 981	63 867	55 257
Motortrucks, including pickups	farms, 1987	1 007	696	919	717	880	744	406
	1982	1 103	785	1 053	746	947	833	489
	number, 1987	1 394	1 [illegible]8	1 472	1 333	1 257	1 084	616
	1982	1 601	1 163	1 468	1 156	1 342	1 102	753
Wheel tractors	farms, 1987	1 084	726	939	703	894	780	418
	1982	1 204	806	1 081	850	1 010	839	452
	number, 1987	3 752	2 339	3 260	2 429	2 854	2 734	1 249
	1982	3 637	2 364	3 413	2 566	3 271	2 797	1 245
Grain and bean combines[2]	farms, 1987	804	510	648	511	623	549	252
	1982	698	582	577	529	608	522	214
	number, 1987	844	574	661	550	639	576	258
	1982	735	603	586	558	624	545	214
LIVESTOCK AND POULTRY								
Cattle and calves inventory	farms, 1987	544	444	437	178	439	454	375
	1982	728	598	537	247	631	524	421
	number, 1987	83 431	51 204	36 506	12 304	80 826	39 892	37 922
	1982	124 326	72 740	49 692	20 497	90 109	46 976	45 606
Cows and heifers that had calved	farms, 1987	296	365	328	125	313	334	354
	1982	406	491	428	176	426	425	397
	number, 1987	11 357	16 778	11 592	4 601	12 629	12 037	19 142
	1982	15 209	22 601	16 253	7 179	18 875	15 000	23 440
Beef cows	farms, 1987	282	356	302	105	273	185	352
	1982	376	469	380	159	389	279	390
	number, 1987	10 802	16 133	10 261	4 039	(D)	5 761	18 903
	1982	(D)	(D)	14 025	6 545	17 207	8 601	23 054
Milk cows	farms, 1987	19	21	37	22	50	167	11
	1982	43	47	70	19	53	187	22
	number, 1987	555	645	1 331	762	(D)	6 276	239
	1982	(D)	(D)	2 228	634	1 668	6 399	386
Heifers and heifer calves	farms, 1987	421	363	347	149	344	350	316
	number, 1987	41 589	13 800	11 479	3 446	19 332	12 558	8 745
Steers, steer calves, bulls, and bull calves	farms, 1987	402	407	390	162	399	389	348
	number, 1987	30 485	20 626	13 435	4 057	28 865	15 297	10 035
Cattle and calves sold	farms, 1987	569	470	456	189	458	459	383
	1982	751	617	545	260	651	532	422
	number, 1987	107 864	44 993	32 104	8 755	61 512	31 104	19 849
	1982	156 418	56 113	36 285	14 647	86 502	31 454	24 985
Calves	farms, 1987	86	127	86	36	73	142	171
	number, 1987	5 787	3 628	1 755	540	1 844	2 751	6 254
Cattle	farms, 1987	531	413	419	173	430	420	299
	1982	686	556	480	241	612	475	346
	number, 1987	102 077	41 365	30 349	8 215	59 668	28 353	13 595
	1982	148 700	51 562	33 394	13 146	83 416	28 179	18 512
Fattened on grain and concentrates	farms, 1987	369	268	318	119	305	239	107
	number, 1987	93 809	34 687	26 276	5 948	51 175	22 102	4 731
Hogs and pigs inventory	farms, 1987	667	307	464	271	426	361	176
	1982	732	405	570	346	536	411	220
	number, 1987	276 269	92 848	205 394	118 343	176 533	128 286	39 199
	1982	264 138	121 940	211 646	156 148	201 429	138 430	47 937
Used or to be used for breeding	farms, 1987	492	210	365	213	285	265	141
	1982	537	300	446	279	360	331	179
	number, 1987	31 574	10 930	26 059	21 940	20 027	15 793	5 524
	1982	26 430	13 977	25 647	23 199	18 287	16 545	5 374
Other	farms, 1987	552	302	455	254	417	349	166
	1982	705	401	545	324	527	398	204
	number, 1987	244 695	81 918	179 335	96 403	156 506	112 493	33 675
	1982	237 708	107 963	186 001	132 949	183 142	121 885	42 563
Hogs and pigs sold	farms, 1987	688	324	481	285	438	375	192
	1982	777	441	605	381	560	442	232
	number, 1987	509 281	166 682	353 598	252 651	314 768	234 838	72 394
	1982	430 827	179 413	357 365	245 037	319 180	228 812	72 620
Feeder pigs	farms, 1987	162	56	91	65	63	93	51
	1982	175	62	110	72	80	87	77
	number, 1987	110 537	31 819	45 937	83 242	52 721	56 306	11 451
	1982	88 931	26 704	49 067	27 319	48 790	50 229	16 35
Sheep and lambs inventory	farms, 1987	48	66	147	44	58	41	41
	1982	59	77	161	64	74	33	41
	number, 1987	4 644	3 275	6 353	1 486	3 565	1 133	1 62
	1982	2 207	3 849	6 318	2 198	4 211	1 022	1 44
Sheep and lambs sold	farms, 1987	50	66	148	48	59	38	4
	1982	72	77	159	69	80	33	4
	number, 1987	4 464	2 656	7 144	1 117	6 619	850	1 15
	1982	2 933	3 559	5 266	1 862	6 585	887	1 05
Hens and pullets of laying age inventory	farms, 1987	38	24	35	18	30	44	2
	1982	60	42	54	39	48	66	3
	number, 1987	4 258	1 521	(D)	(D)	(D)	57 508	(D
	1982	(D)	(D)	(D)	(D)	4 780	(D)	(D
Broilers and other meat-type chickens sold	farms, 1987	14	4	9	6	9	13	
	1982	8	8	9	5	5	10	
	number, 1987	2 580	(D)	(D)	996	1 115	13 983	(
	1982	(D)	(D)	4 106	1 200	615	1 090	31

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment .... farms, 1987	757	1 381	1 147	1 101	731	536	444
1982	923	1 433	1 303	1 301	896	605	512
$1,000, 1987	55 322	93 528	66 421	61 777	57 176	22 314	19 211
1982	72 945	101 812	98 673	71 268	64 484	31 537	25 437
Average per farm .... dollars, 1987	73 080	67 725	57 908	56 110	78 216	41 630	43 267
1982	79 031	71 048	75 728	54 779	71 969	52 128	49 681
Motortrucks, including pickups .... farms, 1987	715	1 269	1 040	1 009	650	480	410
1982	864	1 295	1 167	1 158	816	566	490
number, 1987	1 141	1 925	1 653	1 525	1 342	695	632
1982	1 327	1 691	1 873	1 579	1 378	743	821
Wheel tractors .... farms, 1987	732	1 349	1 051	968	697	473	442
1982	879	1 406	1 229	1 241	850	574	483
number, 1987	2 347	4 888	3 752	3 216	2 304	1 272	1 303
1982	2 803	4 335	4 302	3 644	2 535	1 568	1 428
Grain and bean combines[2] .... farms, 1987	532	685	613	628	446	240	223
1982	548	603	706	688	595	297	209
number, 1987	594	747	629	651	561	270	253
1982	589	604	718	712	642	317	211
LIVESTOCK AND POULTRY							
Cattle and calves inventory .... farms, 1987	240	1 101	573	675	273	438	343
1982	392	1 259	716	912	393	502	413
number, 1987	32 436	108 [illegible]9	61 931	65 110	21 901	35 140	47 375
1982	52 391	119 499	80 549	97 459	36 491	44 712	65 236
Cows and heifers that had calved .... farms, 1987	156	974	378	520	215	411	312
1982	256	1 144	490	689	308	480	379
number, 1987	5 354	48 193	13 453	21 749	7 380	18 010	22 945
1982	11 243	53 520	19 974	28 267	11 386	22 800	30 680
Beef cows .... farms, 1987	146	425	329	501	209	347	304
1982	237	535	415	655	299	412	377
number, 1987	5 111	18 044	(D)	20 400	7 039	16 249	22 252
1982	(D)	22 531	16 373	26 184	11 111	20 074	30 047
Milk cows .... farms, 1987	11	662	60	48	11	91	23
1982	26	763	96	75	25	124	36
number, 1987	243	30 149	(D)	1 349	341	1 761	693
1982	(D)	30 989	3 601	2 063	275	2 726	633
Heifers and heifer calves .... farms, 1987	179	950	454	513	205	341	290
number, 1987	7 727	33 908	25 826	17 083	5 877	7 655	12 388
Steers, steer calves, bulls, and bull calves ... farms, 1987	205	898	478	584	239	392	312
number, 1987	19 355	26 068	22 652	26 278	8 644	9 475	12 042
Cattle and calves sold .... farms, 1987	249	1 127	603	703	285	449	356
1982	414	1 270	721	938	398	508	423
number, 1987	32 295	50 439	60 670	58 675	18 218	20 017	30 098
1982	53 538	52 918	72 321	75 749	33 415	23 713	41 903
Calves .... farms, 1987	49	615	82	153	80	227	152
number, 1987	2 575	13 092	2 892	4 821	1 584	6 217	5 663
Cattle .... farms, 1987	223	1 008	571	630	241	368	301
1982	377	1 089	658	837	355	410	341
number, 1987	29 720	37 347	57 778	53 854	16 634	13 800	24 435
1982	50 144	37 310	68 394	68 247	30 557	15 910	34 851
Fattened on grain and concentrates .... farms, 1987	142	316	437	401	128	76	65
number, 1987	22 360	19 512	50 150	42 981	11 395	2 902	5 926
Hogs and pigs inventory .... farms, 1987	266	709	533	532	181	211	132
1982	351	784	652	681	271	252	183
number, 1987	113 111	281 021	154 027	161 625	61 938	45 016	43 626
1982	125 464	240 069	188 040	183 593	74 739	52 364	46 798
Used or to be used for breeding .... farms, 1987	187	532	423	400	110	171	98
1982	239	628	505	513	170	196	145
number, 1987	12 784	34 717	20 070	20 541	6 297	6 735	6 238
1982	13 513	29 641	20 807	22 075	8 611	6 566	5 906
Other .... farms, 1987	260	688	508	512	174	199	128
1982	335	756	610	648	256	238	172
number, 1987	100 327	246 304	133 957	141 084	55 641	38 281	37 388
1982	111 951	210 428	167 233	161 518	66 128	45 798	40 892
Hogs and pigs sold .... farms, 1987	283	745	561	562	196	214	131
1982	370	827	692	749	285	274	198
number, 1987	194 006	473 115	269 182	269 545	110 432	87 340	88 041
1982	197 210	378 754	318 633	298 240	126 693	83 423	76 361
Feeder pigs .... farms, 1987	39	187	127	131	35	63	40
1982	68	200	139	155	61	91	50
number, 1987	12 096	70 476	45 558	48 743	10 825	22 292	31 114
1982	19 595	61 873	61 308	55 220	19 312	22 210	18 392
Sheep and lambs inventory .... farms, 1987	76	59	80	63	38	96	33
1982	82	57	90	76	66	133	21
number, 1987	8 695	1 390	3 429	6 565	1 506	8 109	2 026
1982	9 661	1 395	2 673	6 812	2 267	13 651	921
Sheep and lambs sold .... farms, 1987	77	56	80	66	38	99	32
1982	83	58	88	100	81	138	24
number, 1987	10 590	1 093	2 989	13 416	2 199	5 929	1 700
1982	8 130	1 041	1 887	9 231	2 168	11 332	940
Hens and pullets of laying age inventory .... farms, 1987	20	71	36	51	23	66	20
1982	19	80	65	101	51	85	32
number, 1987	(D)	(D)	11 769	46 145	(D)	(D)	(D)
1982	(D)	106 516	53 606	(D)	101 838	88 223	1 179
Broilers and other meat-type chickens sold .... farms, 1987	5	11	11	2	8	4	2
1982	2	16	8	9	9	5	2
number, 1987	4 705	12 931	1 486	(D)	(D)	1 400	(D)
1982	(D)	4 335	1 800	2 231	2 726	1 391	(D)

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment farms, 1987	1 276	512	498	1 390	564	1 296	779	894
1982	1 327	583	571	1 434	628	1 363	865	1 050
$1,000, 1987	90 834	36 181	35 514	84 518	37 809	87 614	51 316	73 602
1982	105 626	43 211	43 489	90 687	56 568	101 306	76 579	85 427
Average per farm dollars, 1987	71 186	70 665	71 313	60 805	67 038	67 603	65 874	82 329
1982	79 597	74 118	76 163	63 241	90 076	74 326	88 530	81 359
Motortrucks, including pickups farms, 1987	1 162	498	479	1 266	517	1 175	746	822
1982	1 215	559	527	1 209	560	1 238	810	910
number, 1987	1 517	886	789	1 589	928	1 674	1 313	1 266
1982	1 533	1 037	791	1 436	990	1 756	1 514	1 290
Wheel tractors farms, 1987	1 233	465	457	1 325	545	1 268	742	858
1982	1 262	544	536	1 396	579	1 298	780	1 004
number, 1987	4 204	1 606	1 555	4 472	2 037	4 605	2 543	2 861
1982	4 057	1 715	1 803	4 514	1 956	4 286	2 650	3 304
Grain and bean combines[2] farms, 1987	754	368	346	545	448	727	517	602
1982	661	392	338	394	459	729	535	660
number, 1987	761	384	408	553	504	778	555	631
1982	682	427	347	409	496	778	556	708
LIVESTOCK AND POULTRY								
Cattle and calves inventory farms, 1987	851	228	168	1 118	141	789	278	232
1982	961	280	257	1 219	198	934	363	365
number, 1987	77 712	16 895	25 598	114 601	15 933	76 477	20 579	18 996
1982	82 837	25 174	43 377	120 772	26 445	89 871	26 147	37 198
Cows and heifers that had calved farms, 1987	682	192	111	897	105	601	198	147
1982	773	237	169	1 022	146	755	264	245
number, 1987	31 536	7 046	4 619	46 227	4 158	27 185	5 655	4 828
1982	32 100	9 206	6 077	49 143	7 335	31 617	8 061	9 652
Beef cows farms, 1987	214	182	85	368	100	260	157	125
1982	286	226	153	474	140	361	209	209
number, 1987	7 288	(D)	(D)	12 934	(D)	9 542	(D)	3 903
1982	8 550	8 622	7 384	17 282	(D)	13 057	5 856	8 326
Milk cows farms, 1987	514	17	27	598	7	394	50	26
1982	557	18	21	648	10	472	77	51
number, 1987	24 248	(D)	(D)	33 293	(D)	17 643	(D)	925
1982	23 550	584	693	31 861	(D)	18 560	2 205	1 326
Heifers and heifer calves farms, 1987	703	174	118	911	107	645	207	166
number, 1987	24 139	3 920	9 250	34 532	4 677	22 068	5 144	5 772
Steers, steer calves, bulls, and bull calves farms, 1987	657	210	148	843	124	678	252	206
number, 1987	22 037	5 929	11 729	33 842	7 098	27 224	9 780	8 396
Cattle and calves sold farms, 1987	863	240	177	1 134	141	805	291	243
1982	964	276	263	1 223	206	947	368	386
number, 1987	41 731	12 454	30 639	69 925	14 478	37 866	15 877	17 537
1982	43 612	15 784	47 453	69 237	26 699	51 456	20 895	37 709
Calves farms, 1987	408	51	37	601	25	267	68	36
number, 1987	7 459	901	770	14 198	547	6 876	1 242	691
Cattle farms, 1987	737	218	159	972	128	738	264	233
1982	845	237	215	1 048	186	848	341	356
number, 1987	34 272	11 553	29 869	55 727	13 931	30 990	14 635	16 846
1982	35 675	14 174	45 667	53 815	24 396	45 439	18 995	36 04
Fattened on grain and concentrates farms, 1987	327	121	108	455	95	357	186	16
number, 1987	23 737	7 896	26 137	41 082	12 506	15 999	11 189	14 25
Hogs and pigs inventory farms, 1987	875	141	156	809	158	550	269	36
1982	917	195	219	906	187	648	320	45
number, 1987	454 079	43 766	62 035	297 016	54 436	202 960	100 736	167 82
1982	408 465	59 338	66 486	276 336	63 776	223 807	107 509	184 62
Used or to be used for breeding farms, 1987	732	99	114	651	106	400	134	23
1982	786	141	161	737	115	487	222	32
number, 1987	58 377	5 702	7 436	40 320	6 542	24 317	11 645	21 64
1982	48 487	7 229	7 590	31 180	6 945	25 292	13 663	26 43
Other farms, 1987	849	136	151	775	151	534	264	3
1982	886	184	214	866	182	626	311	4
number, 1987	395 702	38 064	54 599	256 696	47 894	178 643	89 091	146 1
1982	359 978	52 109	58 896	245 156	56 831	198 515	93 846	158 1
Hogs and pigs sold farms, 1987	895	154	167	849	165	578	279	3
1982	966	213	229	946	199	686	347	4
number, 1987	745 649	90 502	102 329	515 476	101 887	367 803	198 326	352 8
1982	598 542	106 133	108 423	413 115	116 435	381 759	188 188	323 3
Feeder pigs farms, 1987	224	32	43	216	35	131	73	
1982	180	42	38	205	35	122	68	
number, 1987	92 942	23 279	12 299	108 362	15 190	65 782	52 786	83 3
1982	83 481	25 520	(D)	62 834	23 593	56 608	34 779	58 9
Sheep and lambs inventory farms, 1987	61	35	40	48	26	80	35	
1982	62	44	58	52	31	74	80	
number, 1987	2 246	1 762	3 600	1 476	1 882	3 993	940	2
1982	1 915	1 750	4 094	1 280	1 336	2 813	3 057	6
Sheep and lambs sold farms, 1987	60	36	41	42	31	78	40	
1982	60	47	59	55	36	77	81	
number, 1987	1 576	1 483	3 145	1 383	1 878	4 544	1 406	2
1982	2 107	1 391	4 850	1 097	1 288	3 013	2 431	7
Hens and pullets of laying age inventory farms, 1987	42	15	19	42	22	48	14	
1982	66	34	22	95	23	77	27	
number, 1987	(D)	634	(D)	(D)	(D)	(D)	(D)	
1982	(D)	(D)	(D)	(D)	15 499	(D)	(D)	
Broilers and other meat-type chickens sold farms, 1987	3	-	10	16	4	9	10	
1982	9	3	8	11	5	11	8	
number, 1987	(D)	-	4 528	1 828	440	1 075	50 620	
1982	797	(D)	(D)	1 239	1 002	1 497	28 596	

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1987	576	775	910	728	883	935	916	827
1982	635	893	1 007	841	1 033	1 066	1 012	951
$1,000, 1987	40 381	52 356	60 145	42 940	72 260	71 368	65 608	46 015
1982	53 953	74 753	70 241	43 653	80 490	65 740	80 742	62 471
Average per farm ..... dollars, 1987	70 106	67 556	66 093	58 983	81 835	76 330	71 624	55 641
1982	84 965	83 710	69 752	51 906	77 919	78 950	79 785	65 690
Motortrucks, including pickups ..... farms, 1987	536	739	835	683	806	877	823	776
1982	622	786	901	776	939	1 007	943	849
number, 1987	1 097	1 358	1 255	1 273	1 378	1 209	1 445	1 369
1982	1 254	1 397	1 258	1 139	1 426	1 407	1 423	1 406
Wheel tractors ..... farms, 1987	545	682	877	699	819	888	857	713
1982	604	831	910	788	913	1 005	903	888
number, 1987	1 944	2 474	2 764	2 251	2 948	3 192	3 134	2 152
1982	1 946	2 846	2 819	2 364	2 982	3 670	2 927	2 705
Grain and bean combines[2] ..... farms, 1987	360	560	531	463	635	686	630	516
1982	440	602	541	469	680	745	634	603
number, 1987	386	592	597	534	680	728	680	570
1982	468	631	571	508	705	774	662	623
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1987	251	250	305	439	118	218	305	421
1982	329	357	400	569	226	350	390	558
number, 1987	24 036	22 841	31 733	40 423	8 710	17 652	27 671	43 961
1982	34 991	41 124	40 507	61 762	23 648	30 158	54 313	50 019
Cows and heifers that had calved ..... farms, 1987	210	200	203	387	78	121	229	345
1982	272	300	269	504	139	214	268	480
number, 1987	8 213	6 721	6 618	15 653	1 711	3 612	8 490	16 626
1982	11 602	12 276	9 261	23 872	3 396	6 542	12 109	19 232
Beef cows ..... farms, 1987	204	200	173	381	74	93	216	333
1982	267	295	223	494	129	165	255	457
number, 1987	(D)	(D)	5 301	15 357	1 448	(D)	(D)	16 186
1982	11 357	12 193	7 277	23 257	(D)	4 648	11 471	18 150
Milk cows ..... farms, 1987	9	3	33	15	5	30	16	21
1982	12	8	57	30	14	59	20	40
number, 1987	(D)	(D)	1 317	296	263	(D)	(D)	440
1982	245	83	1 984	615	(D)	1 894	638	1 082
Heifers and heifer calves ..... farms, 1987	205	190	233	366	95	149	233	336
number, 1987	7 040	7 125	7 681	10 102	4 121	6 040	7 517	12 411
Steers, steer calves, bulls, and bull calves ..... farms, 1987	228	221	257	405	88	188	264	386
number, 1987	8 783	8 995	17 434	14 668	2 878	8 000	11 664	14 924
Cattle and calves sold ..... farms, 1987	262	255	318	447	128	243	319	440
1982	338	372	421	586	224	358	397	578
number, 1987	31 271	20 570	45 014	28 523	15 081	19 264	25 951	34 320
1982	39 201	41 074	42 503	46 222	34 215	27 467	51 778	32 575
Calves ..... farms, 1987	61	74	51	151	24	43	61	104
number, 1987	1 386	1 951	3 804	4 713	2 268	821	1 204	4 493
Cattle ..... farms, 1987	232	214	293	374	122	230	302	397
1982	286	315	384	504	212	334	360	474
number, 1987	29 885	18 619	41 210	23 810	12 813	18 443	24 747	29 827
1982	36 253	37 501	38 114	40 076	31 770	26 160	49 372	26 792
Fattened on grain and concentrates ..... farms, 1987	104	116	214	134	80	176	215	206
number, 1987	25 313	15 142	36 906	15 250	8 852	15 492	21 049	18 742
Hogs and pigs inventory ..... farms, 1987	140	167	370	275	306	350	368	219
1982	164	264	444	346	398	462	433	314
number, 1987	51 116	79 913	142 068	91 306	175 159	153 279	208 461	60 589
1982	50 080	93 391	161 706	102 886	191 606	184 812	206 042	82 925
Used or to be used for breeding ..... farms, 1987	103	104	263	191	246	255	270	140
1982	117	166	320	245	306	340	307	210
number, 1987	6 984	8 605	17 118	10 811	22 973	20 606	26 268	8 614
1982	6 243	8 696	18 016	11 525	25 085	21 396	22 188	10 429
Other ..... farms, 1987	138	165	354	267	297	338	355	212
1982	156	253	425	331	377	446	419	299
number, 1987	44 132	71 308	124 950	80 495	152 186	132 673	182 193	51 975
1982	43 837	84 695	143 690	91 361	166 521	163 416	183 854	72 496
Hogs and pigs sold ..... farms, 1987	145	190	386	291	325	372	392	230
1982	167	291	469	374	423	494	462	329
number, 1987	88 460	160 850	261 287	159 939	296 079	270 403	397 416	131 271
1982	71 617	157 040	286 447	165 039	330 038	301 264	350 759	173 687
Feeder pigs ..... farms, 1987	25	42	90	65	67	89	94	54
1982	26	57	91	82	90	84	69	78
number, 1987	10 461	22 734	55 548	35 993	52 060	43 645	76 210	47 464
1982	10 304	19 044	44 749	32 017	65 709	32 876	50 575	68 121
Sheep and lambs inventory ..... farms, 1987	16	71	82	56	54	48	57	25
1982	19	106	88	59	79	71	68	38
number, 1987	(D)	4 405	3 762	1 846	2 451	2 547	1 890	1 285
1982	1 352	5 140	6 469	2 759	3 135	4 596	2 211	1 942
Sheep and lambs sold ..... farms, 1987	16	76	84	57	57	50	59	24
1982	23	110	94	60	79	76	74	39
number, 1987	868	5 404	4 746	2 212	2 387	2 488	1 599	972
1982	1 503	7 948	9 365	2 233	2 445	5 022	2 195	1 791
Hens and pullets of laying age inventory ..... farms, 1987	11	15	33	24	18	27	33	32
1982	18	34	58	39	33	51	45	42
number, 1987	(D)	(D)	(D)	(D)	7 629	(D)	(D)	(D)
1982	(D)	(D)	28 527	(D)	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold ..... farms, 1987	-	8	24	10	12	14	9	4
1982	1	6	19	6	5	9	14	5
number, 1987	-	(D)	10 080	(D)	(D)	1 449	1 662	800
1982	(D)	(D)	6 979	1 150	(D)	(D)	3 240	391

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment farms, 1987	612	782	685	689	849	1 020	1 110	523
1982	712	888	779	777	967	1 138	1 273	653
$1,000, 1987	43 769	43 205	51 635	37 570	50 934	48 068	65 350	29 640
1982	52 122	51 664	69 708	44 213	57 101	64 452	80 475	44 698
Average per farm dollars, 1987	71 517	55 249	75 379	54 528	59 993	47 126	58 874	56 673
1982	73 205	58 180	89 484	56 902	59 049	56 636	63 217	68 451
Motortrucks, including pickups farms, 1987	565	678	623	658	758	935	1 054	484
1982	663	742	725	718	872	1 042	1 161	600
number, 1987	878	1 077	958	976	1 276	1 259	1 694	881
1982	1 116	1 083	1 185	997	1 439	1 376	1 890	920
Wheel tractors farms, 1987	578	733	628	689	777	1 010	1 040	492
1982	644	851	746	694	898	1 078	1 157	604
number, 1987	1 931	2 575	2 373	2 101	2 714	3 496	3 436	1 690
1982	1 947	2 763	2 562	2 052	2 992	3 600	3 584	1 903
Grain and bean combines[2] farms, 1987	447	511	545	424	436	413	695	329
1982	463	500	611	414	444	420	787	408
number, 1987	485	589	671	427	482	454	769	375
1982	495	525	650	424	457	421	817	433
LIVESTOCK AND POULTRY								
Cattle and calves inventory farms, 1987	252	436	138	344	531	874	623	289
1982	341	561	193	494	678	952	834	426
number, 1987	16 408	33 432	19 593	42 008	56 176	101 860	56 604	22 030
1982	25 860	45 397	24 173	66 740	78 888	107 818	81 681	32 055
Cows and heifers that had calved farms, 1987	211	350	81	248	451	714	496	246
1982	278	464	109	326	579	827	666	361
number, 1987	6 545	12 573	3 161	10 677	20 924	34 401	19 129	8 636
1982	9 659	17 038	4 307	15 303	28 107	40 577	29 254	13 157
Beef cows farms, 1987	206	206	71	238	430	555	469	238
1982	267	254	99	315	542	670	620	344
number, 1987	6 199	6 502	(D)	(D)	19 618	24 783	(D)	7 932
1982	9 208	8 958	3 785	(D)	25 721	30 354	26 188	12 226
Milk cows farms, 1987	9	162	11	17	43	226	35	15
1982	23	241	11	27	91	278	65	40
number, 1987	346	6 071	(D)	(D)	1 306	9 618	(D)	704
1982	451	8 080	522	(D)	2 386	10 223	3 066	931
Heifers and heifer calves farms, 1987	189	336	100	259	439	719	495	226
number, 1987	4 219	9 105	6 918	10 561	16 040	31 899	15 779	6 300
Steers, steer calves, bulls, and bull calves farms, 1987	227	389	110	308	484	765	553	255
number, 1987	5 644	11 754	9 514	20 770	19 212	35 560	21 696	7 094
Cattle and calves sold farms, 1987	265	440	137	371	549	883	646	301
1982	341	567	197	498	680	972	853	433
number, 1987	13 265	18 951	19 461	45 219	40 442	68 244	45 292	14 438
1982	17 867	25 276	25 520	59 418	56 733	66 134	60 321	20 588
Calves farms, 1987	89	136	26	55	142	244	149	97
number, 1987	1 848	2 055	726	789	4 211	5 334	4 894	2 543
Cattle farms, 1987	224	396	122	347	487	784	575	262
1982	281	518	178	476	593	831	727	365
number, 1987	11 417	16 896	18 735	44 430	36 231	62 910	40 398	11 895
1982	14 701	22 251	22 990	57 355	50 841	57 209	53 164	16 843
Fattened on grain and concentrates farms, 1987	122	188	87	264	308	443	363	134
number, 1987	7 830	11 722	16 946	38 152	29 051	44 528	31 487	7 597
Hogs and pigs inventory farms, 1987	224	341	191	301	417	514	469	209
1982	296	393	265	362	564	608	601	285
number, 1987	98 434	97 867	94 428	92 215	157 258	134 589	208 087	76 832
1982	122 790	96 867	101 884	112 396	189 326	149 940	235 740	87 537
Used or to be used for breeding farms, 1987	184	271	122	195	349	410	383	160
1982	226	319	169	243	477	509	489	219
number, 1987	13 544	13 709	10 631	10 075	20 504	19 505	25 383	9 291
1982	14 681	12 080	11 642	11 643	23 724	18 581	26 866	10 812
Other farms, 1987	217	325	182	295	405	475	458	198
1982	286	363	260	346	541	565	576	273
number, 1987	84 890	84 158	83 797	82 140	136 754	115 084	182 704	67 541
1982	108 109	84 787	90 242	100 753	165 602	131 359	208 874	76 725
Hogs and pigs sold farms, 1987	244	351	208	326	427	534	486	224
1982	324	423	295	385	592	634	638	310
number, 1987	176 854	162 990	181 669	166 880	251 391	241 784	348 770	143 447
1982	209 202	149 071	202 532	180 680	309 862	230 220	388 371	156 704
Feeder pigs farms, 1987	51	94	35	53	85	158	105	49
1982	77	97	51	76	123	177	136	78
number, 1987	32 891	28 612	37 270	16 716	24 035	61 360	53 927	40 869
1982	39 140	26 144	52 23[illegible]	22 729	41 101	45 654	60 763	44 589
Sheep and lambs inventory farms, 1987	69	35	60	45	86	53	84	60
1982	75	46	71	58	96	56	125	74
number, 1987	3 568	3 389	1 940	2 488	3 933	2 226	4 220	4 434
1982	5 079	2 249	3 185	2 564	4 609	1 878	4 227	3 429
Sheep and lambs sold farms, 1987	72	37	66	51	91	51	89	58
1982	77	44	78	62	99	64	133	78
number, 1987	3 504	3 635	2 301	2 985	3 587	1 647	3 276	4 289
1982	4 543	1 746	2 769	2 404	3 455	1 368	3 767	4 108
Hens and pullets of laying age inventory farms, 1987	16	37	16	23	29	57	44	27
1982	38	64	39	41	65	95	61	42
number, 1987	(D)	(D)	33 756	(D)	(D)	(D)	(D)	2 709
1982	(D)	48 880	(D)	(D)	(D)	34 713	(D)	(D)
Broilers and other meat-type chickens sold farms, 1987	2	4	1	5	2	18	8	2
1982	6	5	7	7	13	13	11	3
number, 1987	(D)	(D)	(D)	385	(D)	5 826	1 180	(D)
1982	(D)	(D)	(D)	620	(D)	2 544	1 746	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment farms, 1987	966	931	778	1 569	606	1 108	486	381
1982	1 135	1 078	952	1 747	726	1 257	560	469
$1,000, 1987	63 022	58 150	50 980	120 890	34 118	67 975	39 396	14 718
1982	66 303	71 565	73 813	150 428	46 663	83 465	46 061	19 083
Average per farm dollars, 1987	65 240	62 459	65 527	77 049	56 300	61 349	81 062	38 629
1982	58 417	66 387	77 534	86 106	64 275	66 400	82 251	40 688
Motortrucks, including pickups farms, 1987	814	863	743	1 400	589	1 024	456	361
1982	947	1 010	853	1 603	682	1 149	540	416
number, 1987	1 345	1 304	1 190	2 127	1 092	1 636	835	571
1982	1 385	1 365	1 277	2 376	1 241	1 837	816	561
Wheel tractors farms, 1987	944	838	750	1 515	589	1 092	452	364
1982	1 026	1 028	865	1 606	697	1 202	522	410
number, 1987	3 231	3 135	2 478	5 340	1 997	3 678	1 577	1 104
1982	3 128	3 725	2 675	5 485	2 285	3 738	1 577	1 079
Grain and bean combines[2] farms, 1987	540	520	531	1 124	387	623	329	162
1982	524	490	575	1 298	448	614	407	174
number, 1987	602	531	550	1 223	413	644	387	172
1982	533	501	617	1 380	470	659	421	186
LIVESTOCK AND POULTRY								
Cattle and calves inventory farms, 1987	555	572	423	381	373	558	196	326
1982	657	717	551	546	434	665	259	383
number, 1987	42 057	70 179	35 442	34 223	30 923	42 648	12 841	35 463
1982	51 464	81 535	48 622	55 334	35 943	50 640	19 246	44 290
Cows and heifers that had calved farms, 1987	494	438	380	213	291	438	162	308
1982	563	565	489	298	357	543	209	359
number, 1987	16 824	21 063	15 954	7 441	10 698	14 312	5 511	17 782
1982	19 281	27 792	20 670	10 718	13 071	18 388	7 305	21 900
Beef cows farms, 1987	385	332	372	154	266	340	158	302
1982	453	440	467	221	335	422	207	353
number, 1987	13 185	15 508	(D)	(D)	9 004	10 309	5 320	17 302
1982	16 093	21 807	19 839	8 063	11 131	13 609	(D)	21 434
Milk cows farms, 1987	124	143	15	69	38	119	9	10
1982	137	174	38	92	51	147	6	16
number, 1987	3 639	5 555	(D)	(D)	1 694	4 003	191	480
1982	3 188	5 985	831	2 655	1 940	4 779	(D)	466
Heifers and heifer calves farms, 1987	469	439	324	269	287	436	144	267
number, 1987	10 166	21 807	8 041	9 518	9 035	10 987	3 441	7 823
Steers, steer calves, bulls, and bull calves farms, 1987	515	493	394	309	339	489	174	310
number, 1987	15 067	27 309	11 447	17 264	11 190	17 349	3 889	9 858
Cattle and calves sold farms, 1987	559	596	426	398	380	575	196	333
1982	656	712	547	560	452	663	262	402
number, 1987	28 176	57 820	20 688	35 072	24 919	31 574	8 665	19 700
1982	31 469	56 675	29 381	57 340	24 226	31 430	13 206	24 695
Calves farms, 1987	191	125	142	95	123	149	51	154
number, 1987	3 211	3 296	3 724	2 582	3 314	2 468	1 307	5 689
Cattle farms, 1987	493	559	345	357	340	526	171	274
1982	555	621	436	519	390	597	241	340
number, 1987	24 965	54 524	16 964	32 490	21 605	29 106	7 358	14 011
1982	26 865	51 470	24 095	53 320	21 164	27 875	11 771	18 063
Fattened on grain and concentrates farms, 1987	282	329	202	248	217	302	120	74
number, 1987	17 764	43 347	11 869	28 752	17 619	23 209	5 852	5 904
Hogs and pigs inventory farms, 1987	525	474	431	585	246	414	194	128
1982	651	569	587	733	299	491	244	189
number, 1987	200 151	195 494	186 830	231 869	105 055	126 014	65 601	27 794
1982	232 770	200 119	260 655	265 836	120 566	128 866	86 800	37 519
Used or to be used for breeding farms, 1987	433	347	377	434	185	314	164	94
1982	553	425	498	530	233	372	197	153
number, 1987	26 541	28 705	26 520	28 238	13 182	16 347	9 341	3 756
1982	28 535	23 694	29 841	29 549	13 761	16 541	10 871	5 378
Other farms, 1987	506	458	414	561	239	397	188	118
1982	625	545	562	706	282	470	236	181
number, 1987	173 610	166 789	160 310	203 631	91 873	109 687	56 260	24 038
1982	204 235	176 425	230 814	236 287	106 805	112 325	75 929	32 141
Hogs and pigs sold farms, 1987	551	501	461	619	260	434	204	129
1982	688	605	612	781	320	525	260	209
number, 1987	348 398	358 711	349 261	390 835	186 072	206 128	113 960	46 228
1982	387 307	325 687	393 223	451 611	197 183	199 903	138 635	62 278
Feeder pigs farms, 1987	145	92	119	149	56	88	49	28
1982	196	103	131	150	83	103	69	50
number, 1987	62 485	71 987	68 770	55 334	29 053	22 565	15 330	8 157
1982	82 630	43 963	62 200	57 060	39 891	26 872	24 354	12 636
Sheep and lambs inventory farms, 1987	141	74	86	112	53	120	40	44
1982	167	89	106	139	75	122	50	47
number, 1987	10 419	2 216	10 678	6 077	3 576	5 600	1 557	2 851
1982	9 708	3 346	9 902	6 718	6 781	4 765	1 383	5 674
Sheep and lambs sold farms, 1987	141	70	87	118	56	123	46	46
1982	170	86	112	142	74	125	49	49
number, 1987	9 470	1 715	11 613	6 124	3 289	4 922	1 407	3 912
1982	11 708	2 859	14 594	5 704	4 958	5 318	1 005	6 974
Hens and pullets of laying age inventory farms, 1987	109	41	39	62	26	42	23	16
1982	133	69	48	97	58	75	27	28
number, 1987	452 902	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1982	267 119	11 896	(D)	(D)	(D)	15 387	1 424	(D)
Broilers and other meat-type chickens sold farms, 1987	25	6	12	29	-	10	4	1
1982	27	9	4	15	5	14	4	2
number, 1987	10 425	(D)	(D)	6 097	-	3 215	(D)	(D)
1982	4 271	1 557	(D)	2 576	300	1 346	(D)	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment .... farms, 1987	1 097	633	951	741	838	480	763	696
1982	1 249	759	1 050	837	934	527	848	774
$1,000, 1987	63 804	34 516	54 319	36 510	52 084	31 556	49 043	51 157
1982	73 120	42 725	75 088	44 465	65 752	39 765	62 691	54 544
Average per farm .... dollars, 1987	58 162	54 527	57 118	49 272	62 153	65 741	64 276	73 501
1982	58 543	56 291	71 512	53 125	70 398	75 455	73 928	70 470
Motortrucks, including pickups .... farms, 1987	1 010	566	844	663	764	461	698	657
1982	1 138	683	967	763	879	466	752	716
number, 1987	1 382	929	1 245	971	1 492	717	1 181	1 314
1982	1 450	1 082	1 437	1 158	1 602	809	1 233	1 119
Wheel tractors .... farms, 1987	1 035	564	909	686	793	469	731	631
1982	1 136	699	968	744	851	500	814	696
number, 1987	3 638	1 629	2 844	1 984	2 876	1 504	2 787	2 280
1982	3 451	1 957	2 790	2 271	2 738	1 522	2 891	2 261
Grain and bean combines[2] .... farms, 1987	717	415	639	424	517	290	474	466
1982	620	391	611	448	540	306	510	456
number, 1987	754	440	696	445	549	331	487	515
1982	644	395	656	456	582	319	511	499
LIVESTOCK AND POULTRY								
Cattle and calves inventory .... farms, 1987	611	481	497	424	376	211	310	280
1982	822	584	646	553	495	282	385	361
number, 1987	68 536	43 367	45 031	32 336	34 325	20 690	34 499	36 132
1982	94 604	62 450	62 768	47 061	46 488	31 545	39 178	54 651
Cows and heifers that had calved .... farms, 1987	371	433	365	349	297	166	192	195
1982	524	546	466	462	413	233	259	253
number, 1987	14 573	19 627	12 668	12 720	11 118	6 560	6 828	8 665
1982	22 471	27 772	17 651	19 024	15 181	9 813	9 749	10 922
Beef cows .... farms, 1987	260	431	332	323	285	162	99	189
1982	383	540	416	418	397	226	147	237
number, 1987	10 033	19 540	11 378	11 400	10 384	(D)	(D)	(D)
1982	16 575	27 380	15 522	16 695	14 368	9 570	5 203	10 421
Milk cows .... farms, 1987	131	15	45	35	16	4	108	11
1982	190	32	71	71	28	12	133	25
number, 1987	4 540	87	1 290	1 320	734	(D)	(D)	(D)
1982	5 896	392	2 129	2 329	813	243	4 546	501
Heifers and heifer calves .... farms, 1987	425	400	379	336	290	166	237	218
number, 1987	21 300	11 056	14 760	9 426	7 413	6 383	10 522	8 054
Steers, steer calves, bulls, and bull calves .... farms, 1987	509	442	426	379	339	180	264	244
number, 1987	32 663	12 684	17 603	10 190	15 794	7 747	17 149	19 413
Cattle and calves sold .... farms, 1987	647	495	515	437	381	219	325	291
1982	853	593	651	572	510	290	400	369
number, 1987	77 120	23 121	43 056	21 217	27 017	22 941	34 441	31 269
1982	97 228	36 555	50 393	32 170	34 771	32 488	35 442	45 133
Calves .... farms, 1987	136	191	150	144	82	62	91	76
number, 1987	3 450	4 958	4 036	3 941	1 432	1 580	5 750	2 105
Cattle .... farms, 1987	593	410	443	372	337	191	303	262
1982	766	471	572	480	460	243	366	317
number, 1987	73 670	18 163	39 020	17 276	25 585	21 361	28 691	29 164
1982	92 077	28 273	46 495	26 255	32 276	30 663	32 445	41 128
Fattened on grain and concentrates .... farms, 1987	371	142	286	147	224	102	192	140
number, 1987	59 096	7 747	33 527	9 413	19 888	18 083	23 938	23 587
Hogs and pigs inventory .... farms, 1987	549	238	468	340	273	143	360	207
1982	687	353	610	460	326	207	404	260
number, 1987	199 960	70 962	229 932	128 545	109 260	42 230	144 939	56 189
1982	199 958	95 328	275 641	161 193	112 431	57 521	159 248	67 353
Used or to be used for breeding .... farms, 1987	365	198	375	284	214	96	271	155
1982	416	280	495	393	238	150	299	207
number, 1987	23 920	9 506	29 908	19 331	14 533	5 203	20 338	7 793
1982	20 736	11 784	32 874	23 651	14 143	6 551	19 428	8 777
Other .... farms, 1987	532	225	455	310	268	136	342	197
1982	668	338	589	441	313	192	390	246
number, 1987	176 040	61 456	200 024	109 214	94 727	37 027	124 601	48 396
1982	179 222	83 544	242 767	137 542	98 288	50 970	139 820	58 576
Hogs and pigs sold .... farms, 1987	580	255	499	357	284	145	375	222
1982	736	371	653	491	355	220	429	287
number, 1987	403 912	121 878	405 297	225 300	190 438	75 932	271 883	100 178
1982	362 756	156 908	444 723	277 964	197 826	103 686	248 957	116 473
Feeder pigs .... farms, 1987	158	68	97	122	50	18	97	55
1982	143	126	149	152	59	38	72	63
number, 1987	106 550	23 323	57 202	62 235	22 081	6 228	45 655	17 78
1982	69 208	38 889	70 575	70 132	32 272	22 494	26 576	19 92
Sheep and lambs inventory .... farms, 1987	84	61	81	41	85	21	56	31
1982	86	71	81	45	88	19	64	3
number, 1987	6 836	4 644	4 268	2 845	4 058	991	1 608	1 44
1982	7 118	4 925	6 219	5 795	3 694	968	3 076	2 91
Sheep and lambs sold .... farms, 1987	84	59	80	41	82	22	52	3
1982	100	73	84	46	85	21	68	3
number, 1987	6 810	4 963	4 226	2 381	4 728	919	2 037	1 90
1982	7 617	4 739	4 843	5 389	3 013	1 182	3 261	2 25
Hens and pullets of laying age inventory .... farms, 1987	43	27	52	32	22	15	51	2
1982	77	47	83	57	34	15	64	3
number, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1 25
1982	(D)	(D)	147 085	(D)	76 302	(D)	408 418	7 01
Broilers and other meat-type chickens sold .... farms, 1987	14	2	9	7	6	2	10	
1982	18	2	2	6	6	-	13	
number, 1987	4 630	(D)	(D)	490	1 345	(D)	(D)	
1982	2 639	(D)	(D)	(D)	850	-	(D)	(

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1987	441	560	613	1 111	858	771	832	1 485
	1982	476	622	743	1 221	752	840	942	1 624
	$1,000, 1987	17 376	34 806	41 380	70 780	43 347	39 086	57 585	86 359
	1982	21 594	40 846	52 689	79 897	56 187	52 119	74 375	106 423
Average per farm	dollars, 1987	39 402	62 154	67 504	63 709	65 876	50 695	69 212	58 948
	1982	45 366	65 669	70 914	65 436	74 717	62 047	78 955	65 531
Motortrucks, including pickups	farms, 1987	410	500	583	1 004	619	716	788	1 335
	1982	415	563	725	1 087	714	766	856	1 458
	number, 1987	602	790	1 074	1 440	936	1 145	1 092	1 922
	1982	598	902	1 231	1 361	963	1 192	1 192	2 001
Wheel tractors	farms, 1987	431	542	526	1 064	621	770	789	1 405
	1982	427	559	709	1 146	653	799	853	1 524
	number, 1987	1 227	1 821	1 947	3 662	2 275	2 343	2 827	4 580
	1982	1 044	1 696	2 536	3 568	2 083	2 242	2 818	5 032
Grain and bean combines[2]	farms, 1987	247	308	354	737	474	481	627	804
	1982	180	346	463	643	497	500	616	864
	number, 1987	276	340	369	875	509	537	675	856
	1982	190	368	475	685	503	513	635	942
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1987	364	298	282	359	253	481	193	700
	1982	400	407	387	500	338	597	323	960
	number, 1987	35 617	28 423	25 062	54 124	28 895	43 961	18 480	84 391
	1982	47 460	48 336	36 239	86 946	39 010	60 147	30 078	123 072
Cows and heifers that had calved	farms, 1987	319	233	234	224	129	406	107	468
	1982	365	300	329	290	180	496	191	627
	number, 1987	17 201	9 649	9 654	8 473	3 770	15 765	3 722	16 957
	1982	22 254	13 758	13 556	12 004	5 408	19 044	6 078	26 967
Beef cows	farms, 1987	307	228	210	172	76	398	87	433
	1982	349	293	288	234	111	487	164	569
	number, 1987	16 335	9 355	8 217	(D)	(D)	15 498	3 032	15 147
	1982	21 223	(D)	11 690	(D)	3 648	18 629	5 271	23 759
Milk cows	farms, 1987	23	11	33	61	58	14	22	58
	1982	36	26	58	72	80	25	39	91
	number, 1987	866	294	1 437	(D)	(D)	267	690	1 810
	1982	1 031	(D)	1 866	(D)	1 760	415	807	3 208
Heifers and heifer calves	farms, 1987	248	214	222	285	190	394	123	518
	number, 1987	8 085	7 377	5 872	19 159	10 526	11 412	6 484	32 916
Steers, steer calves, bulls, and bull calves	farms, 1987	320	272	249	310	199	448	163	593
	number, 1987	10 331	11 397	9 536	26 492	14 599	16 784	8 274	34 518
Cattle and calves sold	farms, 1987	376	327	292	383	281	509	202	725
	1982	408	419	383	519	370	610	349	1 007
	number, 1987	25 674	22 542	16 343	84 383	27 943	32 547	20 301	90 862
	1982	28 435	39 338	23 985	107 597	45 363	43 304	33 524	113 739
Calves	farms, 1987	157	85	69	86	63	143	22	135
	number, 1987	5 461	1 929	1 837	1 828	1 856	3 943	(D)	3 554
Cattle	farms, 1987	304	303	271	345	259	455	189	662
	1982	326	376	334	471	349	546	323	924
	number, 1987	20 213	20 613	14 506	82 555	26 087	28 604	(D)	87 308
	1982	20 617	35 173	20 977	104 414	43 240	38 282	31 338	106 971
Fattened on grain and concentrates	farms, 1987	83	157	181	236	162	241	143	429
	number, 1987	4 740	13 869	10 355	74 447	21 708	21 838	16 624	71 146
Hogs and pigs inventory	farms, 1987	136	214	240	517	253	291	327	818
	1982	206	265	349	560	332	375	386	988
	number, 1987	31 163	60 940	90 399	219 137	97 133	82 009	113 232	331 551
	1982	50 127	71 772	119 314	209 620	104 566	104 522	128 830	362 917
Used or to be used for breeding	farms, 1987	103	167	182	350	154	213	226	645
	1982	171	199	272	377	193	272	281	771
	number, 1987	4 952	8 233	10 087	25 777	10 916	10 526	13 532	46 895
	1982	6 877	8 888	12 821	22 900	11 049	11 181	14 346	44 789
Other	farms, 1987	127	206	231	502	246	283	323	794
	1982	183	257	337	535	317	371	374	955
	number, 1987	26 211	52 707	80 312	193 360	86 217	71 483	99 700	284 656
	1982	43 250	62 884	106 493	186 720	93 517	93 341	114 484	318 128
Hogs and pigs sold	farms, 1987	140	234	257	555	265	302	350	846
	1982	220	287	370	593	359	398	423	1 035
	number, 1987	74 192	98 742	151 079	407 792	178 518	146 771	218 969	623 187
	1982	91 407	109 134	182 715	400 383	190 278	170 649	225 612	576 603
Feeder pigs	farms, 1987	32	31	40	109	62	48	72	207
	1982	67	34	55	119	68	65	67	258
	number, 1987	26 832	7 082	12 781	63 531	(D)	23 844	(D)	138 681
	1982	28 532	5 703	14 369	67 715	36 218	22 754	29 679	117 983
Sheep and lambs inventory	farms, 1987	36	32	69	66	47	37	46	81
	1982	48	39	73	96	58	35	63	101
	number, 1987	1 763	2 000	2 888	3 313	3 812	1 724	4 073	6 506
	1982	3 747	2 395	2 423	4 448	14 085	3 375	4 349	4 821
Sheep and lambs sold	farms, 1987	37	32	70	75	51	37	52	81
	1982	46	39	75	99	62	39	70	106
	number, 1987	1 698	1 030	2 588	3 734	3 516	1 642	4 881	7 577
	1982	4 077	2 968	2 185	4 662	31 304	2 683	13 259	5 049
Hens and pullets of laying age inventory	farms, 1987	16	18	29	30	20	40	30	66
	1982	29	41	45	40	33	54	28	95
	number, 1987	(D)	2 198	2 616	(D)	(D)	(D)	(D)	(D)
	1982	14 383	(D)	(D)	(D)	85 832	(D)	(D)	(D)
Broilers and other meat-type chickens sold	farms, 1987	-	5	4	22	11	3	10	9
	1982	-	1	5	8	12	4	8	14
	number, 1987	-	953	380	(D)	3 283	250	(D)	6 940
	1982	-	(D)	(D)	(D)	(D)	92	1 375	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1987	892	577	1 241	829	505	933	734	1 031
	1982	1 037	705	1 417	955	601	1 043	861	1 159
	$1,000, 1987	73 155	42 794	86 705	53 302	25 645	59 858	51 222	58 979
	1982	80 554	46 087	108 700	59 410	35 922	75 041	72 199	66 523
Average per farm	dollars, 1987	82 012	74 167	69 867	64 297	50 782	64 156	69 785	57 205
	1982	77 680	65 372	76 712	62 209	59 771	71 947	83 855	57 397
Motortrucks, including pickups	farms, 1987	827	550	1 187	784	474	835	676	929
	1982	923	639	1 288	902	581	883	820	1 036
	number, 1987	1 267	1 020	2 180	1 433	795	1 385	1 170	1 409
	1982	1 303	1 131	2 127	1 464	925	1 352	1 359	1 403
Wheel tractors	farms, 1987	872	570	1 192	805	452	904	703	949
	1982	914	635	1 338	908	571	923	825	1 010
	number, 1987	2 929	2 107	4 175	2 684	1 268	3 310	2 420	3 322
	1982	2 962	1 796	4 288	2 769	1 840	3 191	2 843	3 146
Grain and bean combines[2]	farms, 1987	672	369	761	546	374	665	475	688
	1982	726	429	857	561	375	565	559	679
	number, 1987	716	436	820	606	426	746	488	721
	1982	804	454	912	604	405	630	580	694
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1987	190	182	620	549	408	314	327	537
	1982	291	279	838	675	498	484	412	713
	number, 1987	17 634	12 845	71 137	50 206	48 738	50 886	29 426	48 485
	1982	27 519	18 948	110 2[illegible]	67 206	64 801	83 529	42 110	76 412
Cows and heifers that had calved	farms, 1987	105	148	465	461	379	223	240	400
	1982	158	221	612	592	457	332	291	538
	number, 1987	2 737	5 399	19 357	19 305	24 389	9 659	8 403	13 652
	1982	3 706	6 419	24 065	26 795	29 270	15 601	11 168	20 643
Beef cows	farms, 1987	100	137	456	447	371	210	208	380
	1982	145	207	588	568	448	306	238	508
	number, 1987	(D)	(D)	18 819	18 175	23 760	8 701	(D)	(D)
	1982	3 213	(D)	22 857	25 379	28 153	(D)	(D)	19 718
Milk cows	farms, 1987	8	13	16	37	14	25	38	24
	1982	20	21	35	55	39	33	64	45
	number, 1987	(D)	(D)	538	1 130	629	958	(D)	(D)
	1982	493	(D)	1 208	1 416	1 117	(D)	(D)	925
Heifers and heifer calves	farms, 1987	131	130	499	444	326	244	259	390
	number, 1987	7 072	3 352	23 580	13 000	10 523	17 472	9 708	10 883
Steers, steer calves, bulls, and bull calves	farms, 1987	146	156	549	504	371	262	285	484
	number, 1987	7 825	4 094	28 200	17 901	13 826	23 755	11 315	23 950
Cattle and calves sold	farms, 1987	194	190	661	555	419	335	336	570
	1982	297	284	866	679	509	516	407	732
	number, 1987	21 794	9 723	76 811	33 067	31 142	61 660	27 657	48 160
	1982	32 020	12 132	135 886	43 211	39 997	92 379	32 316	63 787
Calves	farms, 1987	47	50	122	157	163	64	52	92
	number, 1987	(D)	895	3 877	3 861	6 457	1 258	1 005	1 275
Cattle	farms, 1987	177	167	611	493	348	308	309	532
	1982	273	253	794	594	425	463	380	654
	number, 1987	(D)	8 828	72 934	29 206	24 685	60 402	26 652	46 885
	1982	30 856	10 587	131 761	37 935	31 938	89 446	31 039	58 610
Fattened on grain and concentrates	farms, 1987	110	95	418	278	113	205	251	360
	number, 1987	19 254	6 246	65 241	18 245	9 340	53 479	24 155	39 296
Hogs and pigs inventory	farms, 1987	295	135	437	358	200	428	315	475
	1982	357	193	552	449	242	502	407	556
	number, 1987	117 257	40 105	129 690	115 340	53 648	216 125	137 419	173 260
	1982	118 356	48 428	156 399	143 878	55 945	210 702	152 193	180 367
Used or to be used for breeding	farms, 1987	191	107	318	274	159	331	246	320
	1982	234	147	414	371	193	377	319	372
	number, 1987	13 308	5 603	16 583	15 734	6 524	26 953	16 612	20 228
	1982	13 504	5 703	19 924	16 934	6 494	25 782	17 140	19 481
Other	farms, 1987	287	131	423	353	194	412	311	468
	1982	347	178	525	432	233	481	388	539
	number, 1987	103 949	34 502	113 107	99 606	47 124	189 172	120 807	153 032
	1982	104 852	42 725	136 475	126 944	49 451	184 920	135 053	160 886
Hogs and pigs sold	farms, 1987	309	143	477	369	203	439	327	494
	1982	392	210	590	473	265	526	429	59
	number, 1987	223 982	72 283	236 754	210 378	89 166	384 486	217 350	299 34
	1982	229 947	84 245	255 594	209 221	84 991	347 790	231 892	297 42
Feeder pigs	farms, 1987	53	38	106	64	41	116	45	11
	1982	82	48	115	88	44	117	53	9
	number, 1987	(D)	8 774	50 002	(D)	14 485	74 802	12 065	(D
	1982	57 059	16 427	59 817	22 206	13 444	66 291	15 304	58 80
Sheep and lambs inventory	farms, 1987	36	36	68	75	29	84	72	4
	1982	51	54	89	92	31	111	69	6
	number, 1987	2 429	1 903	2 954	4 818	1 938	6 624	1 914	1 79
	1982	2 526	2 820	5 090	4 061	1 387	6 542	2 386	2 52
Sheep and lambs sold	farms, 1987	37	38	67	81	32	86	67	4
	1982	59	58	90	94	30	113	71	
	number, 1987	2 952	2 111	2 015	6 613	1 638	6 403	1 584	1 70
	1982	3 623	3 418	3 829	3 745	1 216	5 300	1 713	2 4
Hens and pullets of laying age inventory	farms, 1987	13	13	57	22	13	40	29	
	1982	33	18	81	46	22	56	43	
	number, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	
	1982	(D)	(D)	26 648	(D)	(D)	(D)	41 959	
Broilers and other meat-type chickens sold	farms, 1987	11	3	8	2	2	8	10	
	1982	8	3	6	5	1	9	7	
	number, 1987	(D)	18 500	1 424	(D)	(D)	(D)	2 087	
	1982	2 255	(D)	1 200	1 020	(D)	(D)	1 707	1 (

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment, farms, 1987	1 777	888	1 107	567	462	483	493	691
1982	1 904	982	1 230	660	538	580	555	783
$1,000, 1987	99 518	54 360	73 617	24 340	19 253	22 942	23 591	34 528
1982	113 316	75 952	88 062	32 620	22 188	29 705	36 685	45 432
Average per farm, dollars, 1987	56 003	61 216	66 501	42 928	41 673	47 498	47 853	49 968
1982	59 515	77 344	71 595	49 424	41 242	51 215	66 099	58 023
Motortrucks, including pickups, farms, 1987	1 607	838	1 047	540	443	457	451	654
1982	1 630	892	1 075	638	479	510	505	731
number, 1987	2 278	1 480	1 675	807	725	741	677	1 214
1982	2 092	1 568	1 695	935	691	776	855	1 139
Wheel tractors, farms, 1987	1 686	841	1 066	534	431	450	456	638
1982	1 735	921	1 147	633	479	529	554	685
number, 1987	5 350	2 895	3 734	1 435	1 443	1 412	1 357	1 838
1982	5 159	3 171	3 818	1 579	1 349	1 495	1 499	1 762
Grain and bean combines[2], farms, 1987	932	565	756	382	237	284	234	412
1982	732	581	703	398	185	344	318	331
number, 1987	935	618	810	399	247	322	247	433
1982	818	636	743	408	186	371	341	351
LIVESTOCK AND POULTRY								
Cattle and calves inventory, farms, 1987	826	219	564	399	357	337	284	473
1982	1 128	305	710	491	436	428	325	573
number, 1987	177 160	19 665	45 175	36 944	42 993	26 704	22 681	41 348
1982	212 667	28 010	61 484	52 442	55 703	35 641	26 748	52 372
Cows and heifers that had calved, farms, 1987	369	151	460	353	326	317	252	426
1982	537	199	573	449	388	394	290	519
number, 1987	18 321	4 446	17 049	16 774	19 687	13 515	10 244	18 629
1982	23 606	5 819	22 226	22 512	23 541	17 251	12 136	23 222
Beef cows, farms, 1987	204	139	419	351	319	301	241	404
1982	296	186	531	443	382	372	283	487
number, 1987	8 952	(D)	15 224	16 599	19 473	13 051	9 661	17 418
1982	12 145	5 112	20 250	22 182	23 251	16 567	11 613	21 075
Milk cows, farms, 1987	173	13	58	16	17	26	20	34
1982	260	16	73	33	21	48	27	54
number, 1987	9 369	(D)	1 825	175	214	464	583	1 211
1982	11 461	707	1 976	330	290	684	523	2 147
Heifers and heifer calves, farms, 1987	593	172	405	329	278	271	242	374
number, 1987	71 968	7 401	10 210	9 071	9 984	6 287	5 159	11 814
Steers, steer calves, bulls, and bull calves, farms, 1987	639	196	505	369	329	305	263	428
number, 1987	86 671	7 818	17 916	11 099	13 322	6 902	7 278	10 905
Cattle and calves sold, farms, 1987	874	236	593	405	365	350	297	480
1982	1 183	308	733	505	447	438	335	589
number, 1987	256 928	26 411	32 143	20 671	23 878	14 915	14 962	22 619
1982	280 426	24 093	44 744	30 281	32 886	19 628	18 535	30 202
Calves, farms, 1987	182	46	150	134	124	172	112	169
number, 1987	6 613	813	3 384	4 346	4 353	4 326	2 137	4 069
Cattle, farms, 1987	803	215	524	339	322	277	254	412
1982	1 085	285	646	419	376	335	297	445
number, 1987	250 315	25 598	28 759	16 325	19 525	10 589	12 825	18 550
1982	272 228	22 851	38 812	25 126	25 868	14 199	15 436	22 655
Fattened on grain and concentrates, farms, 1987	545	138	300	117	89	92	101	165
number, 1987	215 950	20 921	19 478	6 085	6 264	3 974	6 615	9 269
Hogs and pigs inventory, farms, 1987	991	247	441	202	164	176	153	243
1982	1 091	330	555	294	228	276	223	314
number, 1987	440 052	110 211	137 851	62 386	44 009	56 385	47 464	89 644
1982	414 254	123 521	160 193	65 264	54 222	70 949	58 345	110 379
Used or to be used for breeding, farms, 1987	591	180	334	163	135	143	132	201
1982	703	253	415	231	180	224	181	257
number, 1987	47 222	14 592	16 626	8 017	5 207	10 401	6 789	14 010
1982	40 069	13 809	17 354	9 368	6 135	10 736	6 619	16 099
Other, farms, 1987	966	241	417	188	157	163	147	231
1982	1 053	317	533	277	213	258	207	302
number, 1987	392 830	95 619	121 225	54 369	38 802	45 984	40 675	75 634
1982	374 185	109 712	142 839	55 896	48 087	60 213	51 726	94 280
Hogs and pigs sold, farms, 1987	1 033	268	465	207	166	182	159	253
1982	1 160	355	593	312	243	294	238	331
number, 1987	871 562	220 292	248 521	97 682	73 669	131 700	82 014	160 782
1982	708 572	206 077	267 452	104 777	88 728	132 685	94 748	175 784
Feeder pigs, farms, 1987	210	69	98	64	56	58	33	62
1982	246	75	112	77	73	87	41	97
number, 1987	173 026	41 306	32 646	19 910	17 889	68 666	14 493	44 869
1982	120 370	27 648	38 509	19 118	18 314	48 068	17 334	48 918
Sheep and lambs inventory, farms, 1987	119	61	101	31	40	84	36	34
1982	103	67	114	58	51	91	68	31
number, 1987	27 644	2 677	3 899	1 346	(D)	6 023	2 107	690
1982	4 435	2 987	5 418	4 985	2 877	5 605	2 666	764
Sheep and lambs sold, farms, 1987	141	60	108	34	47	87	35	34
1982	106	70	125	63	54	93	67	32
number, 1987	104 895	2 273	4 086	3 131	(D)	4 033	1 298	(D)
1982	6 205	3 570	5 241	4 005	1 925	4 259	2 133	682
Hens and pullets of laying age inventory, farms, 1987	62	26	66	20	18	28	15	32
1982	97	27	103	27	28	57	33	32
number, 1987	(D)	(D)	67 760	(D)	(D)	(D)	(D)	(D)
1982	(D)	(D)	(D)	(D)	(D)	6 996	96 424	(D)
Broilers and other meat-type chickens sold, farms, 1987	17	10	19	2	2	2	1	6
1982	15	7	18	3	3	-	-	2
number, 1987	6 715	3 094	4 349	(D)	(D)	(D)	(D)	(D)
1982	3 191	(D)	(D)	150	(D)	-	-	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1987	936	506	1 032	636	1 306	1 027	537	795
	1982	1 020	616	1 146	771	1 451	1 227	663	927
	$1,000, 1987	64 384	22 677	84 967	45 050	87 084	63 852	42 641	72 138
	1982	72 184	28 692	103 487	53 465	95 655	72 677	54 057	84 981
Average per farm	dollars, 1987	68 787	44 816	82 332	70 834	66 680	62 173	79 405	90 739
	1982	70 769	46 578	90 303	69 345	65 923	59 232	81 534	91 673
Motortrucks, including pickups	farms, 1987	857	488	950	586	1 147	974	529	745
	1982	950	591	1 046	671	1 280	1 053	628	853
	number, 1987	1 460	749	1 743	1 094	1 570	1 631	952	1 152
	1982	1 408	923	1 712	1 076	1 741	1 744	1 061	1 241
Wheel tractors	farms, 1987	856	482	969	619	1 237	974	520	764
	1982	988	555	1 056	713	1 365	1 094	619	867
	number, 1987	2 788	1 292	3 304	2 181	4 275	3 421	1 947	2 834
	1982	3 058	1 446	3 478	2 160	4 351	3 451	2 056	2 850
Grain and bean combines[2]	farms, 1987	560	270	755	415	575	611	368	662
	1982	617	298	677	432	614	543	422	647
	number, 1987	595	282	840	444	647	699	378	715
	1982	639	300	716	444	626	607	440	661
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1987	416	394	186	136	1 074	479	185	123
	1982	522	487	294	187	1 234	703	249	197
	number, 1987	28 808	41 402	11 637	8 900	100 868	71 278	13 038	8 713
	1982	42 415	56 382	21 393	12 139	121 341	103 733	16 422	16 309
Cows and heifers that had calved	farms, 1987	339	357	131	98	896	364	138	54
	1982	420	458	229	135	1 108	526	183	98
	number, 1987	11 108	19 749	3 623	2 812	41 265	15 250	3 784	1 508
	1982	15 944	27 402	6 645	4 234	49 860	28 091	6 669	2 574
Beef cows	farms, 1987	291	350	127	59	443	355	120	45
	1982	372	441	217	90	546	505	148	90
	number, 1987	10 114	19 077	3 430	(D)	15 057	14 930	(D)	1 235
	1982	14 849	26 432	6 203	(D)	19 731	27 054	5 107	2 247
Milk cows	farms, 1987	58	19	6	46	553	19	27	9
	1982	69	41	16	59	725	43	47	11
	number, 1987	994	672	193	(D)	26 208	320	(D)	273
	1982	1 095	970	442	(D)	30 129	1 037	1 562	327
Heifers and heifer calves	farms, 1987	341	316	143	113	902	378	154	84
	number, 1987	7 767	9 999	3 032	3 031	30 867	23 147	3 655	3 933
Steers, steer calves, bulls, and bull calves	farms, 1987	378	365	164	110	911	438	167	98
	number, 1987	9 933	11 654	4 982	3 057	28 736	32 881	5 599	3 272
Cattle and calves sold	farms, 1987	423	406	187	144	1 089	502	193	139
	1982	530	502	296	199	1 251	715	242	214
	number, 1987	19 764	24 479	8 991	6 908	48 920	75 112	10 199	13 757
	1982	31 382	34 067	20 811	10 111	55 062	94 020	21 313	20 544
Calves	farms, 1987	117	175	44	53	441	100	44	33
	number, 1987	2 032	6 744	817	873	8 799	3 202	580	769
Cattle	farms, 1987	368	332	170	130	971	464	177	127
	1982	453	394	241	179	1 102	624	216	197
	number, 1987	17 732	17 735	8 174	6 035	40 121	71 910	9 619	12 988
	1982	27 352	25 300	18 113	8 993	43 766	89 146	19 706	19 663
Fattened on grain and concentrates	farms, 1987	251	94	103	75	327	269	121	91
	number, 1987	13 983	6 619	6 606	3 270	20 427	62 637	7 939	11 594
Hogs and pigs inventory	farms, 1987	553	151	233	226	666	400	214	185
	1982	668	213	299	288	755	529	260	287
	number, 1987	289 916	37 734	95 271	76 925	181 906	142 382	71 108	72 650
	1982	343 446	49 216	111 587	85 735	177 919	160 354	78 795	111 065
Used or to be used for breeding	farms, 1987	468	121	157	165	500	305	141	132
	1982	570	160	219	203	605	415	204	211
	number, 1987	41 835	4 938	11 110	10 007	22 534	19 862	8 327	9 879
	1982	47 074	5 914	12 614	9 895	22 709	22 858	11 115	14 287
Other	farms, 1987	523	142	226	222	634	389	210	179
	1982	649	202	287	269	713	511	242	268
	number, 1987	248 081	32 796	84 161	66 918	159 372	122 520	62 781	62 771
	1982	296 372	43 302	98 973	75 840	155 210	137 496	67 680	96 778
Hogs and pigs sold	farms, 1987	565	158	256	240	694	418	229	208
	1982	694	229	324	305	800	558	293	323
	number, 1987	572 879	69 628	177 816	141 357	317 214	249 046	122 061	143 278
	1982	632 032	81 102	194 531	145 928	289 171	279 945	131 816	199 785
Feeder pigs	farms, 1987	164	43	52	54	157	110	44	39
	1982	198	51	73	65	162	138	48	68
	number, 1987	164 492	15 280	(D)	26 408	46 531	59 407	(D)	35 641
	1982	180 887	15 046	39 059	26 823	52 695	70 102	16 307	40 386
Sheep and lambs inventory	farms, 1987	104	39	45	44	84	50	47	61
	1982	112	46	47	62	97	95	52	90
	number, 1987	7 209	2 355	1 998	1 706	5 296	3 346	1 657	2 206
	1982	7 139	4 626	2 340	3 368	3 764	6 051	2 047	2 677
Sheep and lambs sold	farms, 1987	109	40	44	46	80	51	46	56
	1982	115	48	50	64	97	101	55	97
	number, 1987	8 178	1 936	1 759	1 652	5 169	3 436	1 467	1 853
	1982	6 243	3 659	2 307	2 586	3 116	8 960	2 165	2 709
Hens and pullets of laying age inventory	farms, 1987	62	16	25	10	65	28	12	18
	1982	105	28	34	30	102	50	26	38
	number, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1982	155 382	(D)	(D)	(D)	179 877	4 645	(D)	(D)
Broilers and other meat-type chickens sold	farms, 1987	18	-	1	6	7	4	-	4
	1982	24	-	4	1	15	9	5	10
	number, 1987	5 311	-	(D)	1 138	(D)	(D)	-	(D)
	1982	44 893	-	515	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
CROPS HARVESTED							
Corn for grain or seed .... farms, 1987..	74 285	704	457	764	373	617	1 087
1982..	84 558	833	531	868	392	708	1 227
acres, 1987..	9 973 381	91 146	50 167	60 146	24 866	88 129	142 507
1982..	12 723 331	106 078	61 302	81 406	29 595	112 060	186 885
bushels, 1987..	1 258 020 972	11 316 612	6 024 890	7 769 013	2 703 259	11 331 229	19 224 954
1982..	1 453 648 471	10 231 666	5 440 934	8 725 572	2 520 173	11 587 341	21 947 417
Corn for silage or green chop .... farms, 1987..	7 742	31	26	265	36	42	84
1982..	17 091	109	79	466	54	145	200
acres, 1987..	202 856	1 161	1 006	4 493	798	1 060	3 087
1982..	532 002	(D)	3 832	10 186	(D)	(D)	(D)
tons, green, 1987..	3 217 196	17 550	13 709	68 795	13 404	16 645	57 934
1982..	8 234 684	(D)	51 547	154 259	(D)	(D)	(D)
Wheat for grain .... farms, 1987..	1 212	7	15	2	7	5	14
1982..	2 481	31	60	5	37	12	12
acres, 1987..	26 672	(D)	(D)	(D)	(D)	(D)	247
1982..	93 911	1 161	(D)	92	718	(D)	550
bushels, 1987..	1 113 489	46 740	(D)	(D)	(D)	(D)	10 954
1982..	2 723 236	36 306	(D)	2 964	19 612	(D)	10 530
Oats for grain .... farms, 1987..	23 732	289	170	549	81	227	432
1982..	33 671	459	243	627	110	367	592
acres, 1987..	525 517	6 608	4 310	13 807	1 302	5 176	8 861
1982..	785 508	11 165	6 502	14 453	1 809	9 256	12 769
bushels, 1987..	30 087 002	296 971	190 203	795 893	59 321	324 836	537 894
1982..	44 719 720	502 095	240 588	794 010	58 326	515 025	718 126
Soybeans for beans .... farms, 1987..	62 537	618	417	114	321	562	1 004
1982..	67 917	685	474	87	350	567	1 091
acres, 1987..	7 792 894	65 837	41 559	3 642	24 561	64 193	125 628
1982..	7 933 927	59 968	45 986	3 707	25 112	60 180	124 611
bushels, 1987..	322 478 170	2 797 627	1 582 648	152 846	874 845	2 723 039	5 675 477
1982..	238 045 105	1 941 651	1 340 621	121 463	629 107	2 196 510	4 909 467
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ...... farms, 1987..	40 181	537	360	751	416	365	611
1982..	48 434	709	446	849	422	484	677
acres, 1987..	1 829 492	29 854	18 599	59 224	35 305	13 899	21 583
1982..	1 899 026	36 001	20 702	61 913	30 755	19 442	21 443
tons, dry, 1987..	5 328 103	87 945	47 800	196 150	76 919	39 042	66 148
1982..	5 902 759	116 576	59 291	197 336	74 848	59 067	73 026

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
CROPS HARVESTED							
Corn for grain or seed .... farms, 1987..	866	745	765	1 017	899	947	819
1982..	941	867	920	1 073	1 012	1 093	959
acres, 1987..	118 482	111 185	91 071	137 464	124 023	120 532	110 311
1982..	143 755	139 731	114 091	173 973	161 788	152 996	147 302
bushels, 1987..	16 405 109	15 365 139	12 176 399	18 780 076	15 741 017	15 700 953	15 198 947
1982..	17 506 887	17 192 092	13 415 661	21 227 433	18 941 128	17 822 738	17 923 221
Corn for silage or green chop .... farms, 1987..	74	28	150	145	55	84	37
1982..	171	82	278	261	156	198	99
acres, 1987..	1 363	(D)	(D)	(D)	1 504	1 805	1 636
1982..	4 224	2 909	4 907	4 834	(D)	4 555	(D)
tons, green, 1987..	24 229	(D)	(D)	(D)	25 466	26 524	23 639
1982..	77 823	48 755	80 299	86 503	(D)	65 785	(D)
Wheat for grain .... farms, 1987..	4	11	3	9	3	7	2
1982..	7	11	4	5	3	8	1
acres, 1987..	(D)	167	(D)	(D)	(D)	220	(D)
1982..	532	(D)	122	(D)	314	(D)	(D)
bushels, 1987..	(D)	7 423	981	(D)	10 260	7 952	(D)
1982..	17 513	(D)	3 115	(D)	5 620	(D)	(D)
Oats for grain .... farms, 1987..	211	133	309	443	166	343	133
1982..	307	250	420	482	304	519	278
acres, 1987..	4 368	2 907	5 826	8 093	3 144	6 675	2 702
1982..	6 544	5 200	8 031	9 486	5 932	10 842	6 354
bushels, 1987..	234 731	180 941	344 235	462 792	187 771	383 359	157 331
1982..	345 421	326 067	386 174	455 340	429 339	589 875	465 923
Soybeans for beans .... farms, 1987..	779	721	624	812	871	879	807
1982..	803	809	733	777	945	940	931
acres, 1987..	86 757	121 122	51 417	70 993	128 906	85 530	143 309
1982..	87 126	115 950	53 424	69 840	127 630	86 187	141 709
bushels, 1987..	3 951 967	5 350 406	2 241 903	3 205 898	5 293 124	3 667 621	6 382 653
1982..	3 286 748	4 564 503	1 870 563	2 502 306	4 731 654	3 037 646	5 408 408
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ...... farms, 1987..	343	246	453	514	232	478	224
1982..	402	354	556	574	328	624	310
acres, 1987..	10 446	7 791	18 048	16 223	6 142	15 044	5 501
1982..	10 957	8 116	18 759	15 691	6 950	17 016	7 067
tons, dry, 1987..	33 062	20 636	60 198	47 322	18 617	46 242	14 107
1982..	36 792	25 368	62 702	45 261	23 724	54 909	21 747

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
CROPS HARVESTED							
Corn for grain or seed ... farms, 1987	1 047	703	883	892	864	755	378
1982	1 130	709	1 037	793	967	836	433
acres, 1987	131 091	105 116	137 263	122 371	110 304	97 603	35 416
1982	152 063	127 678	190 899	157 229	136 670	128 060	45 823
bushels, 1987	17 175 461	13 327 248	16 264 540	15 774 445	13 783 510	12 573 477	3 326 698
1982	16 641 531	12 981 118	25 052 411	18 988 805	16 114 534	13 271 447	3 383 130
Corn for silage or green chop ... farms, 1987	80	46	65	30	114	168	30
1982	275	146	146	101	301	279	59
acres, 1987	3 467	1 264	(D)	(D)	2 836	(D)	(D)
1982	18 146	5 466	(D)	2 917	11 213	8 571	2 062
tons, green, 1987	50 939	20 277	(D)	(D)	41 821	(D)	(D)
1982	292 054	81 452	(D)	49 626	172 382	114 864	18 250
Wheat for grain ... farms, 1987	3	20	9	2	2	7	7
1982	7	52	15	4	3	6	14
acres, 1987	447	(D)	297	(D)	(D)	215	162
1982	161	2 380	296	87	(D)	82	(D)
bushels, 1987	24 364	(D)	8 695	(D)	(D)	8 450	3 355
1982	4 183	82 352	12 987	1 660	(D)	2 558	(D)
Oats for grain ... farms, 1987	367	173	314	157	212	351	129
1982	509	322	402	247	371	410	165
acres, 1987	8 159	3 424	5 633	3 470	4 033	7 076	3 212
1982	11 764	7 365	7 965	5 472	7 794	8 592	4 070
bushels, 1987	489 453	145 028	356 319	195 643	260 429	429 869	97 860
1982	788 956	325 315	484 828	332 303	613 196	390 697	119 705
Soybeans for beans ... farms, 1987	998	662	741	636	811	621	300
1982	1 026	717	707	723	889	679	358
acres, 1987	114 889	82 907	70 780	98 320	99 886	57 752	23 650
1982	104 737	78 709	64 771	107 819	93 755	66 361	29 569
bushels, 1987	4 911 395	3 342 960	3 153 996	4 054 326	4 261 589	2 418 697	785 860
1982	3 896 624	2 641 173	2 751 708	3 825 826	3 629 465	2 046 841	823 049
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms, 1987	473	448	473	203	392	471	352
1982	556	559	515	245	485	531	406
acres, 1987	14 611	20 504	15 910	6 625	13 550	19 905	26 262
1982	15 528	23 236	14 247	5 431	12 681	19 110	26 089
tons, dry, 1987	42 735	58 637	46 047	20 309	39 381	62 927	66 253
1982	53 871	70 565	46 581	16 462	43 354	58 513	77 882

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
CROPS HARVESTED							
Corn for grain or seed ... farms, 1987	696	1 231	1 045	958	656	433	337
1982	851	1 315	1 214	1 175	783	512	397
acres, 1987	102 661	127 431	182 747	130 314	106 803	37 420	32 453
1982	145 705	156 567	223 349	161 120	143 790	53 423	46 027
bushels, 1987	13 379 212	16 959 576	17 449 834	15 683 049	14 595 920	3 341 728	3 363 639
1982	16 045 924	18 256 472	27 728 538	16 666 763	17 425 172	5 033 357	3 862 755
Corn for silage or green chop ... farms, 1987	49	227	147	55	32	78	36
1982	155	499	282	196	89	88	61
acres, 1987	2 576	3 239	(D)	1 970	(D)	1 302	(D)
1982	(D)	9 614	8 482	(D)	(D)	(D)	(D)
tons, green, 1987	46 944	54 009	(D)	35 786	(D)	17 732	(D)
1982	(D)	143 969	148 244	(D)	(D)	(D)	(D)
Wheat for grain ... farms, 1987	-	9	29	6	5	29	14
1982	2	2	13	26	9	73	40
acres, 1987	-	(D)	(D)	(D)	241	(D)	(D)
1982	(D)	(D)	(D)	(D)	(D)	2 026	1 957
bushels, 1987	-	(D)	(D)	(D)	15 617	(D)	(D)
1982	(D)	(D)	(D)	(D)	(D)	51 085	55 708
Oats for grain ... farms, 1987	104	867	415	434	106	142	50
1982	243	922	485	693	170	186	80
acres, 1987	2 489	21 836	7 552	11 192	2 232	2 320	1 083
1982	5 707	22 450	9 801	21 311	3 015	3 381	1 615
bushels, 1987	141 663	1 418 729	449 806	510 789	127 038	88 898	33 072
1982	386 157	1 163 033	568 849	1 407 532	190 947	102 157	(D)
Soybeans for beans ... farms, 1987	677	155	743	884	620	325	303
1982	807	93	711	1 024	736	396	355
acres, 1987	113 588	10 583	62 755	96 933	102 057	29 881	30 286
1982	122 109	4 515	60 600	93 846	108 877	37 378	37 600
bushels, 1987	4 656 076	460 345	2 820 636	3 689 311	4 494 218	965 483	1 082 801
1982	4 257 235	151 995	2 530 059	3 537 984	4 304 840	1 030 095	1 087 701
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms, 1987	214	1 113	565	606	260	430	337
1982	337	1 222	615	782	353	498	416
acres, 1987	7 838	80 500	20 729	22 825	8 033	27 759	29 094
1982	9 715	74 177	19 404	26 677	9 716	30 103	34 765
tons, dry, 1987	23 895	273 880	63 918	69 881	21 882	57 322	62 749
1982	30 216	248 602	65 410	89 353	33 043	75 959	89 301

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
CROPS HARVESTED								
Corn for grain or seed ......farms, 1987..	1 174	476	446	1 231	491	1 171	722	820
1982..	1 230	548	521	1 316	593	1 247	792	970
acres, 1987..	150 937	68 753	66 636	100 635	75 633	150 576	106 576	129 161
1982..	182 892	94 491	90 899	120 876	106 475	186 647	130 034	171 179
bushels, 1987..	20 285 632	7 551 585	8 633 099	12 775 158	10 460 288	20 558 970	13 760 270	17 673 374
1982..	22 826 953	11 973 078	10 199 958	14 615 577	12 870 935	20 615 055	14 911 196	20 735 195
Corn for silage or green chop ......farms, 1987..	263	59	53	361	20	252	75	42
1982..	520	77	127	591	87	476	157	142
acres, 1987..	5 027	(D)	(D)	6 762	929	4 835	(D)	1 181
1982..	10 633	2 258	6 422	12 379	3 189	12 515	(D)	(D)
tons, green, 1987..	80 070	(D)	(D)	97 933	15 335	81 543	(D)	23 335
1982..	173 323	41 440	98 244	194 269	50 081	193 362	(D)	(D)
Wheat for grain ......farms, 1987..	20	37	5	10	1	12	5	3
1982..	5	77	1	11	-	16	6	3
acres, 1987..	(D)	663	166	(D)	(D)	213	34	(D)
1982..	158	2 960	(D)	230	-	326	(D)	(D)
bushels, 1987..	(D)	34 847	6 521	(D)	(D)	7 220	1 120	11 910
1982..	6 644	95 898	(D)	8 391	-	9 976	(D)	(D)
Oats for grain ......farms, 1987..	748	58	88	913	53	626	201	168
1982..	794	93	158	1 008	88	758	292	301
acres, 1987..	17 163	926	2 125	21 833	(D)	14 570	4 463	2 669
1982..	18 897	(D)	3 620	24 238	1 585	17 529	6 984	5 468
bushels, 1987..	1 071 195	44 286	125 577	1 417 010	(D)	948 744	274 002	159 026
1982..	946 581	59 050	266 637	1 127 241	117 186	913 959	350 625	317 917
Soybeans for beans ......farms, 1987..	462	442	433	96	476	735	676	770
1982..	324	475	489	49	563	714	742	893
acres, 1987..	26 045	49 659	73 610	4 045	84 296	67 177	91 965	111 080
1982..	22 899	49 025	78 945	2 576	92 490	68 605	98 507	116 709
bushels, 1987..	1 204 485	1 869 828	2 888 280	186 523	3 630 542	3 003 952	3 758 896	4 787 529
1982..	853 648	1 947 841	2 704 992	95 904	3 383 187	2 347 324	3 277 775	4 350 171
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ......farms, 1987..	877	238	165	1 130	134	797	294	250
1982..	939	253	201	1 197	179	901	352	331
acres, 1987..	47 289	9 284	6 941	76 084	3 949	43 030	9 642	6 658
1982..	42 605	8 243	6 849	65 194	4 131	42 757	9 682	7 842
tons, dry, 1987..	158 848	23 511	22 656	256 499	12 063	150 353	25 997	20 157
1982..	142 375	25 185	22 429	220 006	12 971	146 225	30 578	26 641

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
CROPS HARVESTED								
Corn for grain or seed ......farms, 1987..	517	732	837	653	816	875	828	753
1982..	569	835	912	756	949	1 020	922	867
acres, 1987..	86 187	111 458	127 823	81 041	124 623	126 733	128 134	122 931
1982..	97 062	147 534	159 632	105 987	164 763	166 410	165 550	146 261
bushels, 1987..	9 728 756	15 908 809	17 944 224	10 161 114	17 441 249	16 898 927	17 847 845	16 093 286
1982..	8 676 430	17 558 124	19 587 298	11 208 490	20 522 687	20 125 730	20 989 204	15 145 504
Corn for silage or green chop ......farms, 1987..	15	17	37	28	12	65	48	48
1982..	38	86	89	107	42	171	122	134
acres, 1987..	413	1 109	1 364	934	946	(D)	1 016	1 168
1982..	(D)	(D)	3 284	2 978	(D)	4 876	5 131	4 031
tons, green, 1987..	6 350	19 867	28 161	17 204	17 090	(D)	16 456	18 150
1982..	(D)	(D)	63 690	49 396	(D)	89 000	84 231	58 638
Wheat for grain ......farms, 1987..	16	3	5	6	3	1	-	28
1982..	58	5	1	11	2	3	2	143
acres, 1987..	427	(D)	66	124	(D)	(D)	-	997
1982..	3 868	612	(D)	409	(D)	50	(D)	6 126
bushels, 1987..	16 767	(D)	3 465	3 290	8 620	(D)	-	34 619
1982..	65 144	20 950	(D)	14 590	(D)	2 023	(D)	204 855
Oats for grain ......farms, 1987..	17	115	162	214	87	189	133	140
1982..	59	181	270	351	176	333	252	255
acres, 1987..	387	2 235	2 610	5 018	1 438	3 340	2 603	3 269
1982..	1 493	3 895	6 027	8 518	2 787	6 011	5 293	7 461
bushels, 1987..	19 981	138 719	157 459	242 664	95 243	221 262	160 344	168 643
1982..	71 859	262 045	350 437	445 465	153 871	360 476	324 596	488 832
Soybeans for beans ......farms, 1987..	519	725	794	595	791	823	781	722
1982..	578	816	834	649	910	948	830	836
acres, 1987..	105 751	137 885	103 323	71 452	132 419	119 737	104 590	112 374
1982..	108 653	135 010	102 035	66 969	139 861	124 880	110 604	118 034
bushels, 1987..	3 949 534	6 114 982	5 016 063	2 916 948	5 542 167	4 903 942	4 747 128	4 408 006
1982..	3 510 754	5 295 966	4 186 283	2 451 136	5 146 799	4 583 925	4 198 888	4 237 794
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ......farms, 1987..	220	220	324	387	147	238	291	344
1982..	288	328	347	528	229	353	334	506
acres, 1987..	6 787	6 179	10 472	17 045	2 980	7 701	7 762	9 798
1982..	7 422	6 832	8 963	24 239	3 629	8 229	8 223	13 277
tons, dry, 1987..	19 354	16 123	38 746	44 423	7 222	23 222	22 974	32 060
1982..	20 462	22 832	32 578	75 335	10 080	27 690	26 218	40 828

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
CROPS HARVESTED								
Corn for grain or seed, farms, 1987	538	716	649	615	780	883	982	459
1982	658	811	726	704	875	1 026	1 138	572
acres, 1987	73 702	85 505	95 869	91 349	116 503	83 256	138 800	61 201
1982	102 573	107 479	123 757	110 869	152 061	114 748	175 598	79 432
bushels, 1987	7 590 621	10 574 055	13 418 861	10 964 881	14 108 119	9 306 110	18 593 569	6 196 767
1982	12 385 894	10 729 597	15 766 668	12 649 208	17 525 603	13 542 208	20 885 196	8 878 491
Corn for silage or green chop, farms, 1987	39	157	40	37	76	190	55	53
1982	70	299	68	164	148	291	180	79
acres, 1987	(D)	3 188	2 202	(D)	2 018	4 274	(D)	1 316
1982	(D)	6 944	(D)	(D)	(D)	6 225	5 580	1 806
tons, green, 1987	(D)	48 417	43 395	(D)	30 584	63 923	(D)	14 245
1982	(D)	99 546	(D)	(D)	(D)	103 047	91 380	29 016
Wheat for grain, farms, 1987	18	6	1	8	12	40	4	27
1982	46	6	4	3	16	17	9	63
acres, 1987	263	122	(D)	79	111	542	(D)	1 057
1982	1 028	(D)	(D)	22	413	427	189	1 772
bushels, 1987	11 992	3 112	(D)	3 240	6 413	23 455	(D)	26 522
1982	33 129	(D)	(D)	680	15 035	19 155	7 308	49 000
Oats for grain, farms, 1987	107	363	101	192	372	587	371	144
1982	156	463	136	319	438	661	550	210
acres, 1987	1 759	9 089	1 960	4 516	8 800	13 816	8 452	3 193
1982	2 620	11 628	2 731	9 315	10 406	15 213	12 685	4 327
bushels, 1987	82 850	498 289	116 685	220 054	449 578	821 637	469 803	137 556
1982	114 877	565 171	191 145	681 248	492 511	712 725	717 916	180 088
Soybeans for beans, farms, 1987	486	574	631	579	629	232	894	420
1982	534	628	706	652	587	153	982	503
acres, 1987	47 286	62 417	110 513	69 227	48 040	9 193	100 925	53 284
1982	50 085	67 555	109 698	63 003	42 128	8 763	99 129	53 746
bushels, 1987	1 782 554	2 461 787	4 921 705	2 625 860	2 094 296	373 967	4 495 571	1 973 991
1982	1 951 199	1 979 976	4 264 921	2 424 457	1 516 977	325 762	3 799 402	1 803 938
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text), farms, 1987	257	434	152	319	555	824	643	324
1982	307	541	191	406	641	896	815	395
acres, 1987	9 783	18 918	3 790	11 093	27 904	52 789	25 932	15 081
1982	9 583	22 750	3 754	12 572	28 518	48 454	30 578	15 758
tons, dry, 1987	19 939	58 463	10 679	36 707	81 302	161 316	75 592	29 736
1982	25 508	74 129	13 332	44 4[illegible]	87 692	157 233	99 513	42 115

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
CROPS HARVESTED								
Corn for grain or seed, farms, 1987	871	835	713	1 485	531	995	448	306
1982	1 029	976	869	1 648	651	1 139	522	36
acres, 1987	105 950	113 133	106 867	211 215	64 121	120 386	70 248	27 32
1982	143 018	151 346	136 425	272 356	82 802	153 666	93 034	36 19
bushels, 1987	11 533 176	13 525 519	13 376 853	30 144 044	5 859 088	14 812 265	7 017 802	2 783 03
1982	17 363 741	19 210 005	16 068 651	34 786 312	9 645 385	18 914 193	11 771 946	2 804 20
Corn for silage or green chop, farms, 1987	150	155	40	98	106	115	33	2
1982	177	281	68	218	114	215	50	5
acres, 1987	(D)	(D)	927	2 766	2 341	2 710	656	(D
1982	4 049	6 937	(D)	6 341	2 522	5 326	1 253	1 73
tons, green, 1987	(D)	(D)	16 565	58 691	31 183	47 247	7 329	(D
1982	66 677	117 083	(D)	110 204	45 901	87 557	24 145	19 71
Wheat for grain, farms, 1987	16	12	27	4	97	26	23	
1982	24	11	47	6	209	14	28	
acres, 1987	(D)	(D)	(D)	54	1 525	(D)	(D)	(D
1982	(D)	(D)	(D)	193	5 090	609	1 107	57
bushels, 1987	(D)	(D)	(D)	2 260	60 448	(D)	(D)	(D
1982	(D)	(D)	(D)	3 490	131 962	21 211	35 271	17 32
Oats for grain, farms, 1987	423	394	206	258	91	408	78	
1982	488	495	274	416	118	499	109	1
acres, 1987	10 326	9 149	4 132	4 738	1 490	8 649	1 078	1 6
1982	10 896	11 254	5 923	6 818	1 725	10 724	2 138	2 6
bushels, 1987	541 998	533 715	194 527	291 826	56 333	478 956	52 560	65 0
1982	534 145	537 909	272 245	475 143	69 923	477 917	99 027	91 4
Soybeans for beans, farms, 1987	645	504	633	1 441	488	815	399	2
1982	636	483	656	1 572	598	895	429	2
acres, 1987	53 286	39 878	63 035	231 847	56 627	79 458	49 342	18 6
1982	52 018	37 056	61 406	241 875	57 956	90 586	50 828	22 4
bushels, 1987	2 085 104	1 748 669	2 636 739	9 975 988	1 745 229	3 387 490	1 742 074	679 1
1982	1 966 879	1 509 467	2 331 469	9 077 851	2 185 295	3 473 178	1 960 817	619 6
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text), farms, 1987	582	568	421	388	378	609	207	2
1982	673	638	555	500	412	624	217	
acres, 1987	25 364	28 683	20 827	10 087	16 082	23 253	6 688	23
1982	23 963	26 295	21 618	10 563	14 479	19 340	5 785	24
tons, dry, 1987	74 176	88 097	52 124	31 379	35 339	66 141	15 983	58
1982	73 572	83 115	62 941	34 699	41 237	59 691	15 625	60

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
CROPS HARVESTED									
Corn for grain or seed	farms, 1987	979	537	842	627	743	449	683	651
	1982	1 130	637	936	725	864	473	777	713
	acres, 1987	116 508	55 683	105 726	67 791	119 698	79 119	94 460	125 758
	1982	147 820	68 696	126 236	79 158	153 571	93 698	116 631	153 807
	bushels, 1987	13 540 612	6 709 409	14 139 999	8 481 789	16 680 232	9 683 161	11 618 129	14 908 383
	1982	14 998 927	6 528 360	13 966 866	7 951 067	18 840 444	9 052 987	13 561 392	16 616 207
Corn for silage or green chop	farms, 1987	182	31	84	37	38	8	163	59
	1982	475	91	167	103	109	51	275	138
	acres, 1987	(D)	(D)	2 178	1 039	1 467	(D)	4 755	(D)
	1982	(D)	3 565	(D)	2 658	(D)	2 857	8 077	(D)
	tons, green, 1987	(D)	(D)	29 372	15 062	26 764	(D)	64 799	(D)
	1982	(D)	41 424	(D)	40 679	(D)	39 088	128 372	(D)
Wheat for grain	farms, 1987	5	4	5	13	8	26	21	29
	1982	13	32	9	32	6	64	14	62
	acres, 1987	53	120	(D)	223	(D)	639	(D)	1 054
	1982	383	1 246	105	886	76	2 913	(D)	5 165
	bushels, 1987	2 250	5 045	(D)	6 955	(D)	21 344	(D)	36 902
	1982	13 907	29 634	2 802	27 234	4 290	82 113	(D)	146 573
Oats for grain	farms, 1987	359	114	307	211	184	51	300	117
	1982	604	205	459	292	285	92	413	204
	acres, 1987	7 907	2 741	5 962	4 574	3 433	(D)	7 492	4 400
	1982	17 325	4 244	8 883	6 539	6 502	2 029	10 434	6 984
	bushels, 1987	558 851	143 926	330 196	213 411	175 332	(D)	461 521	208 841
	1982	1 348 356	188 001	445 039	303 825	360 388	94 455	548 211	472 002
Soybeans for beans	farms, 1987	907	480	776	568	681	427	611	570
	1982	1 005	575	828	616	754	458	681	606
	acres, 1987	104 895	49 402	77 990	56 577	80 342	79 533	71 905	96 849
	1982	100 055	53 505	76 238	52 658	87 347	84 273	77 856	98 876
	bushels, 1987	4 242 479	2 038 034	3 245 433	2 363 921	3 871 253	2 946 398	2 993 218	3 558 879
	1982	3 650 612	1 717 114	2 909 293	1 810 462	3 397 916	2 856 093	2 627 747	3 584 486
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	556	452	508	429	384	170	329	245
	1982	651	544	622	570	464	248	393	305
	acres, 1987	17 306	22 587	17 579	19 300	12 320	5 632	13 330	8 314
	1982	15 898	24 838	21 209	25 087	12 845	6 632	11 856	8 726
	tons, dry, 1987	56 335	63 876	52 491	51 490	35 994	15 868	33 856	24 552
	1982	52 533	74 853	73 975	80 425	43 995	20 559	35 639	27 528

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
CROPS HARVESTED									
Corn for grain or seed	farms, 1987	357	509	554	1 005	602	708	792	1 346
	1982	391	547	685	1 039	696	748	882	1 498
	acres, 1987	24 861	72 394	79 002	123 893	77 730	82 372	117 339	185 513
	1982	30 797	83 612	102 631	154 026	102 296	93 283	154 006	224 544
	bushels, 1987	2 555 285	8 609 866	7 763 935	16 113 174	10 324 756	9 115 659	15 488 764	20 744 832
	1982	2 424 657	7 790 913	12 727 086	17 071 485	11 722 816	8 139 928	18 704 137	23 527 120
Corn for silage or green chop	farms, 1987	37	19	64	66	49	36	37	116
	1982	95	100	113	255	148	99	120	394
	acres, 1987	(D)	676	1 830	(D)	1 573	1 086	(D)	(D)
	1982	2 883	(D)	(D)	(D)	5 017	(D)	(D)	12 768
	tons, green, 1987	(D)	14 247	25 509	(D)	24 093	16 124	(D)	(D)
	1982	30 902	(D)	(D)	(D)	85 136	(D)	(D)	170 588
Wheat for grain	farms, 1987	6	12	25	3	5	61	1	16
	1982	10	65	23	4	8	147	3	16
	acres, 1987	104	482	700	34	158	1 498	(D)	291
	1982	182	2 379	973	160	(D)	5 484	65	732
	bushels, 1987	4 095	17 674	26 581	1 560	4 079	51 349	(D)	12 745
	1982	5 107	62 912	37 658	6 080	(D)	132 542	2 644	26 028
Oats for grain	farms, 1987	70	95	176	275	154	131	152	534
	1982	89	161	238	369	288	205	227	881
	acres, 1987	1 323	(D)	4 078	4 397	2 695	2 487	3 088	15 628
	1982	1 926	3 564	4 898	7 246	6 391	4 717	4 799	29 160
	bushels, 1987	57 633	(D)	214 936	335 095	195 225	106 102	194 563	1 038 204
	1982	67 625	156 990	288 514	562 090	513 159	189 155	332 035	2 192 386
Soybeans for beans	farms, 1987	273	493	495	969	601	688	766	1 216
	1982	310	524	539	1 054	686	735	846	1 254
	acres, 1987	18 059	71 788	52 726	131 829	91 141	92 104	125 528	136 138
	1982	21 051	73 728	51 598	132 585	92 840	90 307	132 304	121 406
	bushels, 1987	669 818	2 620 229	1 941 887	5 583 524	3 779 285	3 272 356	5 241 528	5 543 952
	1982	523 826	2 326 196	1 955 485	4 555 098	3 376 584	2 722 764	4 936 511	4 649 292
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	349	318	302	322	239	460	203	642
	1982	382	375	352	400	304	573	267	789
	acres, 1987	24 633	12 187	10 889	8 249	5 671	17 432	5 036	20 630
	1982	25 352	13 706	10 970	8 019	6 524	20 632	5 859	20 200
	tons, dry, 1987	63 788	34 156	28 621	25 655	15 722	46 417	15 593	68 798
	1982	66 512	38 417	37 817	27 185	21 032	56 405	20 576	69 286

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
CROPS HARVESTED								
Corn for grain or seed farms, 1987	849	503	1 143	747	419	860	675	938
1982	974	606	1 264	859	479	944	788	1 071
acres, 1987	117 170	77 928	187 927	98 720	39 626	118 743	109 361	131 399
1982	157 159	98 639	228 318	128 824	50 585	148 847	146 768	161 949
bushels, 1987	15 619 811	10 997 085	24 886 571	12 438 415	4 143 413	14 943 715	13 224 275	16 072 018
1982	19 637 664	11 738 297	25 061 295	14 948 700	3 883 053	16 451 145	19 164 492	17 944 456
Corn for silage or green chop farms, 1987	36	16	78	59	46	51	67	49
1982	102	45	267	111	87	194	129	195
acres, 1987	1 831	(D)	2 802	1 368	990	2 889	1 953	(D)
1982	3 317	(D)	10 219	(D)	3 135	10 899	3 985	(D)
tons, green, 1987	47 768	(D)	47 155	22 642	13 037	38 582	31 076	(D)
1982	55 182	(D)	160 385	(D)	39 443	184 142	70 298	(D)
Wheat for grain farms, 1987	-	4	38	6	10	3	6	4
1982	2	17	105	5	45	13	8	17
acres, 1987	-	107	1 285	164	437	64	109	58
1982	(D)	616	3 650	81	1 884	(D)	110	768
bushels, 1987	-	3 940	51 264	8 820	12 789	3 150	5 604	2 710
1982	(D)	17 929	136 453	4 180	35 710	(D)	3 780	29 845
Oats for grain farms, 1987	119	83	290	351	90	234	242	369
1982	215	126	427	495	113	388	318	574
acres, 1987	(D)	1 544	7 129	9 319	2 451	5 954	4 257	8 482
1982	4 164	2 566	11 350	13 446	3 559	9 418	5 792	14 772
bushels, 1987	(D)	84 475	447 746	457 014	88 805	361 606	283 411	470 672
1982	295 949	135 357	688 091	727 248	105 454	683 364	375 979	968 975
Soybeans for beans farms, 1987	829	475	1 040	693	374	836	555	843
1982	958	585	1 139	767	479	880	505	908
acres, 1987	140 907	77 299	157 454	75 752	41 296	117 296	38 038	89 103
1982	148 816	79 606	155 658	76 265	52 642	116 562	34 667	81 384
bushels, 1987	5 225 885	3 425 469	6 188 843	3 291 126	1 420 031	4 853 933	1 734 884	3 606 182
1982	5 661 208	3 042 560	5 766 434	2 867 377	1 376 010	4 332 277	1 490 895	3 107 294
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987	185	187	603	547	371	335	359	473
1982	288	272	720	681	484	457	367	609
acres, 1987	4 482	6 381	21 681	27 314	32 681	13 257	10 821	14 344
1982	4 759	7 449	21 779	32 187	42 699	14 202	9 877	16 483
tons, dry, 1987	13 563	19 997	63 684	86 311	78 928	42 826	32 337	41 315
1982	15 336	23 636	73 999	107 375	113 303	49 506	36 253	54 881

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
CROPS HARVESTED								
Corn for grain or seed farms, 1987	1 460	794	1 021	491	387	422	393	588
1982	1 626	898	1 132	580	434	514	482	656
acres, 1987	191 988	115 189	144 198	53 482	39 359	39 298	47 640	66 000
1982	225 374	149 710	171 672	62 851	48 192	55 938	58 297	81 012
bushels, 1987	21 794 832	16 283 669	19 074 343	5 744 004	4 430 330	3 930 667	5 118 701	8 024 794
1982	23 813 841	18 916 885	20 230 354	4 888 242	4 108 447	5 695 221	6 472 512	7 788 706
Corn for silage or green chop farms, 1987	275	35	58	15	22	73	32	48
1982	709	87	151	60	72	101	47	93
acres, 1987	10 656	1 235	1 335	(D)	603	1 511	(D)	(D)
1982	29 143	2 824	3 898	1 902	2 454	2 192	1 205	5 456
tons, green, 1987	144 579	22 164	26 119	(D)	6 844	18 689	(D)	(D)
1982	426 038	52 624	61 432	24 179	30 471	26 691	19 729	57 871
Wheat for grain farms, 1987	7	7	9	23	9	35	4	9
1982	10	7	9	94	36	112	23	32
acres, 1987	231	128	(D)	554	(D)	465	(D)	207
1982	472	(D)	(D)	4 105	1 790	3 234	1 093	1 161
bushels, 1987	9 820	5 419	(D)	23 522	(D)	15 973	(D)	8 579
1982	17 517	(D)	(D)	84 807	56 816	82 745	35 900	32 220
Oats for grain farms, 1987	465	83	324	109	128	106	79	144
1982	821	159	511	165	203	150	104	207
acres, 1987	10 786	1 427	6 237	2 621	3 136	1 923	1 495	2 698
1982	23 830	2 526	10 495	4 121	5 752	2 552	1 863	4 039
bushels, 1987	734 881	81 623	305 166	101 924	130 016	68 859	62 868	117 440
1982	1 806 881	146 470	551 490	140 346	218 316	80 155	77 523	168 538
Soybeans for beans farms, 1987	1 266	766	915	477	351	390	374	500
1982	1 250	859	1 009	562	386	438	427	580
acres, 1987	117 378	116 260	99 796	57 970	31 437	38 388	44 999	50 915
1982	108 800	123 492	99 487	61 821	31 716	42 610	45 267	54 694
bushels, 1987	5 103 495	5 261 884	4 591 703	1 926 919	1 189 794	1 325 279	1 746 097	2 018 965
1982	4 164 449	4 745 373	3 713 215	1 651 601	893 010	1 360 706	1 518 550	1 691 487
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) farms, 1987	648	234	576	370	346	374	280	460
1982	790	287	670	467	394	425	329	542
acres, 1987	22 930	6 399	22 282	22 375	23 339	19 929	14 961	24 863
1982	21 495	5 767	22 106	26 290	27 534	19 754	15 753	24 760
tons, dry, 1987	76 185	16 899	69 960	51 614	61 824	41 640	37 933	69 798
1982	71 920	19 096	68 254	69 570	80 665	47 407	44 158	71 891

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text.]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
CROPS HARVESTED								
Corn for grain or seed .... farms, 1987..	831	424	957	593	1 158	908	494	760
1982..	924	500	1 061	666	1 309	1 079	611	873
acres, 1987..	114 226	41 759	136 405	86 355	101 381	160 170	76 251	118 670
1982..	151 308	58 720	181 262	111 484	130 311	212 964	103 566	163 254
bushels, 1987..	13 094 494	4 453 222	19 146 370	11 704 010	13 091 817	18 744 274	9 917 824	16 401 045
1982..	18 838 227	4 460 861	22 913 645	13 108 167	13 300 630	22 416 992	12 468 486	20 350 828
Corn for silage or green chop .... farms, 1987..	76	20	29	44	413	68	62	18
1982..	118	71	62	75	743	254	96	51
acres, 1987..	(D)	(D)	(D)	(D)	8 397	(D)	1 351	761
1982..	(D)	(D)	2 064	(D)	18 085	9 117	2 181	2 221
tons, green, 1987..	(D)	(D)	(D)	(D)	139 016	(D)	22 770	16 792
1982..	(D)	(D)	31 151	(D)	274 281	132 236	35 016	41 125
Wheat for grain .... farms, 1987..	43	19	3	2	5	15	-	2
1982..	49	40	2	2	10	14	3	2
acres, 1987..	837	343	(D)	(D)	(D)	(D)	-	(D)
1982..	1 150	(D)	(D)	(D)	259	1 002	73	(D)
bushels, 1987..	34 617	11 688	2 650	(D)	(D)	(D)	-	(D)
1982..	44 571	(D)	(D)	(D)	7 760	32 224	2 920	(D)
Oats for grain .... farms, 1987..	301	74	89	152	799	264	137	83
1982..	339	129	159	233	998	470	248	127
acres, 1987..	5 955	1 543	1 786	2 706	19 877	8 758	2 648	1 495
1982..	6 787	3 289	3 375	4 255	25 380	18 468	4 897	(D)
bushels, 1987..	284 237	55 307	104 311	180 337	1 187 551	482 611	153 826	92 089
1982..	318 023	89 106	211 584	259 779	1 313 472	1 347 573	288 817	(D)
Soybeans for beans .... farms, 1987..	705	373	957	554	378	708	472	742
1982..	709	450	1 036	629	353	759	564	844
acres, 1987..	65 574	37 489	168 982	81 760	17 989	85 671	71 797	136 418
1982..	68 211	46 145	170 824	88 127	16 602	97 090	82 046	148 340
bushels, 1987..	2 778 249	1 354 512	7 217 033	3 054 060	752 602	3 322 203	2 892 848	5 605 248
1982..	2 776 525	1 166 379	6 700 236	3 017 787	520 269	3 570 700	2 827 363	5 665 084
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) .... farms, 1987..	453	378	196	190	1 073	414	209	140
1982..	520	477	259	213	1 227	541	262	206
acres, 1987..	16 975	31 837	3 950	5 607	73 319	16 575	6 030	2 997
1982..	16 536	38 090	4 983	4 547	73 564	17 823	6 389	3 720
tons, dry, 1987..	39 382	72 030	10 552	18 811	242 588	45 772	16 217	8 569
1982..	49 997	89 511	16 259	13 889	238 061	56 395	23 266	13 784

[1] Data are based on a sample of farms.

[2] Data for 1982 include self-propelled only.

Table 17. Milk Goats—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Milk goats		Goat milk		Farms	Total sales ($1,000)
	Farms	Number	Farms	Number	Farms	Gallons		
STATE TOTAL								
Iowa 1987	425	3 195	105	909	52	123 669	136	268
1982	909	4 708	303	1 964	20	34 650	(NA)	139

Table 18. Angora Goats—Inventory and Sales: 1987 and 1982

[Not published for this State]

Table 19. Mink and Their Pelts—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
STATE TOTAL					
Iowa 1987	58	63 906	56	132 995	5 403
1982	53	55 977	50	133 183	4 344

Table 20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Colonies of bees		Honey		Farms	Total sales ($1,000)
	Farms	Number	Farms	Number	Farms	Pounds		
STATE TOTAL								
Iowa 1987	703	53 289	38	1 121	350	4 288 806	364	3 056
1982	797	45 410	28	2 897	221	2 733 695	(NA)	1 997
COUNTIES, 1987								
Adair	8	73	1	(D)	5	(D)	5	1
Adams	5	161	-	-	2	(D)	2	(D)
Allamakee	12	(D)	-	-	6	(D)	6	(D)
Appanoose	11	363	-	-	3	26 200	3	16
Audubon	6	2 013	-	-	5	149 480	5	68
Benton	9	(D)	2	(D)	5	(D)	6	(D)
Black Hawk	12	461	-	-	7	91 837	7	48
Boone	7	56	-	-	2	(D)	2	(D)
Bremer	7	(D)	-	-	3	(D)	3	(D)
Buchanan	10	114	-	-	7	9 211	7	6
Butler	7	17	-	-	-	-	-	-
Calhoun	3	(D)	-	-	1	(D)	1	(D)
Carroll	5	112	1	(D)	3	(D)	3	(D)
Cass	3	(D)	1	(D)	2	(D)	2	(D)
Cedar	9	78	1	(D)	4	(D)	4	(D)
Cerro Gordo	8	33	-	-	6	2 530	6	2
Cherokee	3	71	-	-	2	(D)	2	(D)
Chickasaw	5	19	1	(D)	1	(D)	1	(D)
Clay	6	327	-	-	3	(D)	3	(D)
Clayton	10	92	-	-	4	6 250	4	3
Clinton	5	(D)	-	-	2	(D)	2	(D)
Crawford	5	(D)	-	-	4	(D)	4	(D)
Dallas	15	2 820	2	(D)	10	271 990	10	177
Davis	21	244	1	(D)	9	13 070	9	10
Decatur	10	63	-	-	1	(D)	1	(D)
Delaware	9	99	-	-	4	(D)	4	(D)
Des Moines	9	46	2	(D)	5	3 080	5	2
Dubuque	6	387	-	-	4	14 744	4	7
Fayette	12	(D)	-	-	9	71 765	9	45
Floyd	10	97	2	(D)	6	4 220	8	3
Fremont	8	168	1	(D)	2	(D)	2	(D)
Guthrie	5	8	-	-	2	(D)	2	(D)
Hamilton	9	656	-	-	6	40 990	6	28
Hancock	4	27	-	-	-	-	-	-
Hardin	12	736	-	-	10	71 514	10	37
Harrison	5	58	1	(D)	1	(D)	1	(D)
Henry	8	26	-	-	-	-	-	-
Howard	3	(D)	-	-	2	(D)	2	(D)
Ida	4	15	-	-	2	(D)	2	(D)
Iowa	4	16	-	-	1	(D)	1	(D)

Table 20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales					
			Colonies of bees		Honey			
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
COUNTIES, 1987 —Con.								
Jackson	8	(D)	-	-	7	(D)	7	(D)
Jasper	7	109	1	(D)	6	7 350	6	6
Jefferson	8	46	-	-	1	(D)	1	(D)
Johnson	24	119	1	(D)	6	1 225	7	1
Jones	7	162	-	-	2	(D)	2	(D)
Keokuk	5	27	-	-	2	(D)	2	(D)
Lee	15	188	-	-	3	(D)	3	(D)
Linn	16	1 104	3	(D)	11	136 850	12	84
Louisa	6	23	-	-	2	(D)	2	(D)
Lucas	5	24	1	(D)	3	(D)	4	1
Lyon	6	(D)	-	-	6	(D)	6	(D)
Madison	8	65	-	-	3	910	3	1
Mahaska	4	6	-	-	1	(D)	1	(D)
Marion	5	29	-	-	1	(D)	1	(D)
Marshall	10	103	-	-	6	5 087	6	(D)
Mills	6	(D)	1	(D)	2	(D)	3	(D)
Mitchell	10	(D)	-	-	6	(D)	6	(D)
Monona	5	131	1	(D)	3	(D)	3	(D)
Monroe	4	35	-	-	3	(D)	3	(D)
Muscatine	9	100	-	-	5	(D)	5	(D)
O'Brien	3	(D)	-	-	3	(D)	3	(D)
Page	8	(D)	1	(D)	6	(D)	6	(D)
Palo Alto	3	15	-	-	-	-	-	-
Plymouth	11	144	1	(D)	1	(D)	2	(D)
Polk	17	1 244	1	(D)	10	132 368	10	117
Pottawattamie	17	710	2	(D)	7	54 978	7	38
Poweshiek	5	51	-	-	3	2 800	3	2
Ringgold	6	211	-	-	5	10 970	5	6
Scott	14	109	-	-	9	8 145	9	(D)
Shelby	5	2 625	-	-	4	303 960	4	192
Sioux	12	293	-	-	9	37 100	9	19
Story	18	569	2	(D)	9	47 600	10	36
Tama	5	(D)	-	-	1	(D)	1	(D)
Union	3	(D)	-	-	1	(D)	1	(D)
Van Buren	10	143	-	-	3	(D)	3	(D)
Wapello	6	26	-	-	2	(D)	2	(D)
Warren	9	154	-	-	5	4 660	5	3
Washington	10	66	-	-	2	(D)	2	(D)
Wayne	9	216	-	-	5	18 589	5	11
Webster	8	120	2	(D)	3	(D)	5	(D)
Winneshiek	9	489	-	-	5	23 579	5	15
Woodbury	12	5 198	1	(D)	12	614 386	12	386
Worth	4	27	-	-	-	-	-	-
All other counties	21	3 873	4	13	15	304 645	18	184

Table 21. Fish Sales: 1987 and 1982

[Not published for this State]

Table 22. Miscellaneous Poultry—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area		Inventory		Sales	
		Farms	Number	Farms	Number
DUCKS					
State Total					
Iowa	1987	1 057	31 653	251	29 038
	1982	1 487	27 092	295	30 315
GEESE					
State Total					
Iowa	1987	728	14 965	184	18 123
	1982	970	17 556	200	34 190
PIGEONS OR SQUAB					
State Total					
Iowa	1987	57	4 313	20	2 430
	1982	60	3 099	18	1 381

Table 22. Miscellaneous Poultry—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
PHEASANTS				
State Total				
Iowa 1987	70	6 224	35	8 285
1982	54	1 275	14	945
QUAIL				
State Total				
Iowa 1987	40	17 873	19	64 994
1982	30	3 798	6	(D)
OTHER POULTRY				
State Total				
Iowa 1987	138	12 999	22	751
1982	148	23 089	23	5 057
POULTRY HATCHED (SEE TEXT)				
State Total				
Iowa 1987	213	5 944 271	441	23 723 636
1982	243	6 406 050	558	28 865 177

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS					
State Total					
Iowa 1987	627	1 512	90	240	79
1982	288	757	42	125	39
Counties, 1987					
Adair	4	14	-	-	-
Adams	7	10	-	-	-
Allamakee	5	12	-	-	-
Appanoose	4	4	-	-	-
Audubon	3	7	2	(D)	(D)
Benton	6	7	-	-	-
Black Hawk	4	7	-	-	-
Boone	22	70	2	(D)	(D)
Bremer	4	10	2	(D)	(D)
Buchanan	6	16	-	-	-
Butler	7	36	4	12	(D)
Calhoun	3	7	-	-	-
Cass	8	12	-	-	-
Cedar	10	25	-	-	-
Cherokee	6	15	-	-	-
Clarke	10	26	1	(D)	(D)
Clay	8	12	-	-	-
Clayton	7	10	1	(D)	(D)
Clinton	4	7	1	(D)	(D)
Crawford	7	14	-	-	-
Dallas	7	15	1	(D)	(D)
Davis	8	15	3	4	1
Decatur	17	37	3	15	(D)
Delaware	5	27	1	(D)	(D)
Des Moines	3	3	-	-	-
Dubuque	3	4	-	-	-
Emmet	4	9	-	-	-
Fayette	9	11	-	-	-
Floyd	4	10	1	(D)	(D)
Franklin	4	4	-	-	-
Fremont	7	11	-	-	-
Grundy	3	5	4	4	1
Guthrie	6	6	-	-	-
Hamilton	5	21	1	(D)	(D)
Hancock	5	6	-	-	-
Hardin	10	53	3	5	1
Henry	5	11	-	-	-
Humboldt	3	8	-	-	-
Ida	7	20	2	(D)	(D)
Iowa	12	40	1	(D)	(D)

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS—Con.					
Counties, 1987—Con.					
Jackson	9	46	3	4	1
Jasper	22	47	4	7	2
Jefferson	10	20	1	(D)	(D)
Johnson	12	25	3	(D)	(D)
Jones	9	17	-	-	-
Keokuk	6	19	3	4	1
Kossuth	8	20	1	(D)	(D)
Lee	9	25	-	-	-
Linn	8	17	-	-	-
Louisa	6	7	-	-	-
Lucas	16	43	3	5	1
Madison	17	32	1	(D)	(D)
Mahaska	13	28	1	(D)	(D)
Marion	15	30	-	-	-
Marshall	12	27	4	4	1
Mitchell	2	(D)	3	8	3
Monroe	9	18	-	-	-
Montgomery	7	19	4	6	(D)
Muscatine	12	38	1	(D)	(D)
O'Brien	4	9	-	-	-
Palo Alto	6	11	2	(D)	(D)
Plymouth	6	12	-	-	-
Polk	7	18	3	7	3
Poweshiek	4	10	-	-	-
Ringgold	15	22	4	6	2
Scott	6	13	-	-	-
Shelby	3	5	-	-	-
Sioux	3	5	-	-	-
Tama	6	18	2	(D)	(D)
Taylor	6	8	2	(D)	(D)
Union	3	6	-	-	-
Van Buren	5	5	1	(D)	(D)
Warren	18	34	-	-	-
Washington	6	18	2	(D)	(D)
Wayne	8	18	2	(D)	(D)
Webster	4	11	-	-	-
Winneshiek	8	20	1	(D)	(D)
Woodbury	7	14	-	-	-
All other counties	36	132	6	45	13
GOATS, TOTAL					
State Total					
Iowa 1987	1 082	7 387	366	3 198	(NA)
1982	1 173	5 870	393	2 579	(NA)
Counties, 1987					
Adair	15	109	5	30	(NA)
Allamakee	9	38	1	(D)	(NA)
Appanoose	18	79	7	56	(NA)
Audubon	6	10	-	-	(NA)
Benton	7	20	1	(D)	(NA)
Black Hawk	15	62	5	18	(NA)
Boone	11	35	3	13	(NA)
Bremer	15	552	6	27	(NA)
Buchanan	11	57	4	(D)	(NA)
Buena Vista	6	17	1	(D)	(NA)
Butler	13	98	7	132	(NA)
Calhoun	3	8	-	-	(NA)
Carroll	3	(D)	2	(D)	(NA)
Cass	12	20	1	(D)	(NA)
Cedar	13	75	6	34	(NA)
Cerro Gordo	9	109	3	(D)	(NA)
Cherokee	13	44	4	16	(NA)
Chickasaw	9	38	2	(D)	(NA)
Clarke	15	74	9	50	(NA)
Clay	3	4	1	(D)	(NA)
Clayton	18	85	5	26	(NA)
Clinton	13	57	10	25	(NA)
Crawford	11	80	1	(D)	(NA)
Dallas	15	52	1	(D)	(NA)
Davis	16	63	3	13	(NA)
Decatur	12	32	4	(D)	(NA)
Delaware	5	59	-	-	(NA)
Des Moines	5	32	2	(D)	(NA)
Dubuque	23	197	7	34	(NA)
Fayette	9	145	2	(D)	(NA)
Floyd	12	38	4	9	(NA)
Fremont	3	(D)	1	(D)	(NA)
Greene	7	8	2	(D)	(NA)
Grundy	11	47	5	27	(NA)
Guthrie	13	45	2	(D)	(NA)
Hamilton	6	15	3	9	(NA)
Hancock	6	20	1	(D)	(NA)
Hardin	8	74	1	(D)	(NA)
Harrison	11	42	4	30	(NA)
Henry	17	372	7	66	(NA)

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
GOATS, TOTAL—Con.					
Counties, 1987—Con.					
Howard	9	41	7	25	(NA)
Humboldt	2	(D)	3	6	(NA)
Ida	10	19	3	10	(NA)
Iowa	10	50	5	32	(NA)
Jackson	22	124	12	75	(NA)
Jasper	16	67	7	50	(NA)
Jefferson	12	83	4	18	(NA)
Johnson	19	143	7	34	(NA)
Jones	9	72	2	(D)	(NA)
Keokuk	10	102	5	35	(NA)
Kossuth	11	47	5	42	(NA)
Lee	14	96	2	(D)	(NA)
Linn	26	111	7	61	(NA)
Louisa	16	77	5	26	(NA)
Lucas	14	49	7	50	(NA)
Lyon	11	52	5	43	(NA)
Madison	10	60	3	40	(NA)
Mahaska	17	74	6	28	(NA)
Marion	15	83	2	(D)	(NA)
Marshall	16	93	6	38	(NA)
Mills	3	7	1	(D)	(NA)
Mitchell	10	79	2	(D)	(NA)
Monona	5	24	1	(D)	(NA)
Monroe	20	194	5	22	(NA)
Montgomery	8	67	1	(D)	(NA)
Muscatine	14	101	7	34	(NA)
O'Brien	5	(D)	1	(D)	(NA)
Osceola	7	55	-	-	(NA)
Page	14	61	6	29	(NA)
Palo Alto	8	17	3	6	(NA)
Plymouth	11	24	3	10	(NA)
Pocahontas	3	7	-	-	(NA)
Polk	9	107	5	(D)	(NA)
Pottawattamie	11	30	3	15	(NA)
Poweshiek	7	37	2	(D)	(NA)
Ringgold	10	76	3	28	(NA)
Sac	5	15	-	-	(NA)
Scott	15	113	5	49	(NA)
Shelby	10	54	5	45	(NA)
Sioux	15	171	3	5	(NA)
Story	11	82	4	29	(NA)
Tama	20	164	9	57	(NA)
Taylor	13	94	5	28	(NA)
Union	5	12	1	(D)	(NA)
Van Buren	20	88	4	21	(NA)
Wapello	16	61	4	47	(NA)
Warren	20	115	11	126	(NA)
Washington	12	58	11	144	(NA)
Wayne	8	40	4	8	(NA)
Webster	10	24	3	26	(NA)
Winnebago	6	19	2	(D)	(NA)
Winneshiek	17	755	5	143	(NA)
Woodbury	14	60	4	(D)	(NA)
Worth	10	120	4	148	(NA)
Wright	7	20	1	(D)	(NA)
All other counties	7	25	1	(D)	(NA)
GOATS, EXCEPT ANGORA AND MILK					
State Total					
Iowa 1987	757	3 201	271	2 116	6
1982	323	1 120	99	(D)	(D
RABBITS AND THEIR PELTS					
State Total					
Iowa 1987	494	13 788	173	36 971	17
1982	329	11 719	171	27 837	12
OTHER LIVESTOCK AND LIVESTOCK PRODUCTS					
State Total					
Iowa 1987	134	(X)	86	(X)	4
1982	(NA)	(X)	(NA)	(X)	(

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)										
State Total										
Iowa	83 301	10 147 051	1 274 388 346	453	62 099	92 462	12 880 050	1 466 953 043	386	59 796
Counties										
Adair	798	93 246	11 527 532	2	(D)	900	107 781	10 350 588	1	(D)
Adams	516	51 424	6 143 315	-	-	580	62 254	5 496 845	-	-
Allamakee	842	61 451	7 918 552	-	-	928	82 443	8 829 375	1	(D)
Appanoose	480	26 382	2 836 759	-	-	499	31 651	2 545 243	-	-
Audubon	674	89 190	11 444 514	2	(D)	744	112 767	11 646 059	-	-
Benton	1 183	144 170	19 409 044	1	(D)	1 328	188 670	22 099 370	1	(D)
Black Hawk	996	120 536	16 646 615	2	(D)	1 074	146 916	17 815 328	2	(D)
Boone	825	112 738	15 534 064	1	(D)	931	141 511	17 333 411	-	-
Bremer	890	93 017	12 379 993	4	160	1 057	116 766	13 654 093	4	254
Buchanan	1 136	139 845	19 024 742	1	(D)	1 193	176 718	21 468 464	-	-
Buena Vista	953	125 356	15 880 096	3	(D)	1 056	163 381	19 128 081	2	(D)
Butler	1 024	121 799	15 823 601	2	(D)	1 195	154 661	17 987 647	1	(D)
Calhoun	872	111 282	15 303 730	3	295	1 008	148 119	17 999 607	1	(D)
Carroll	1 105	132 252	17 304 749	2	(D)	1 159	152 727	16 712 864	1	(D)
Cass	783	106 962	13 504 527	-	-	870	129 355	13 117 123	-	-
Cedar	953	138 757	16 395 191	-	-	1 113	192 257	25 190 085	-	-
Cerro Gordo	757	123 528	15 908 537	2	(D)	847	158 200	19 103 648	2	(D)
Cherokee	928	111 626	13 914 353	-	-	1 016	137 628	16 198 419	1	(D)
Chickasaw	869	99 779	12 785 975	8	775	958	130 415	13 451 087	6	1 410
Clarke	459	37 261	3 462 983	-	-	525	47 634	3 487 164	-	-
Clay	750	103 766	13 480 814	2	(D)	882	146 191	16 086 229	4	413
Clayton	1 383	130 350	17 251 649	-	-	1 428	158 460	18 436 475	-	-
Clinton	1 183	165 946	17 740 345	-	-	1 329	225 437	27 944 257	-	-
Crawford	1 050	132 197	15 865 611	-	-	1 236	162 571	16 789 928	-	-
Dallas	776	108 578	14 777 623	1	(D)	886	145 678	17 589 876	-	-
Davis	569	40 121	3 532 975	1	(D)	650	56 371	5 211 412	-	-
Decatur	402	33 659	3 456 175	-	-	448	47 354	3 942 426	1	(D)
Delaware	1 247	152 360	20 436 465	-	-	1 303	184 224	22 956 796	-	-
Des Moines	596	70 934	7 752 886	1	(D)	634	95 773	12 103 320	2	(D)
Dickinson	474	67 152	8 680 549	1	(D)	550	91 610	10 272 578	1	(D)
Dubuque	1 367	103 204	13 034 171	-	-	1 440	122 836	14 830 558	-	-
Emmet	523	76 262	10 513 999	5	218	617	107 116	12 916 187	3	(D)
Fayette	1 271	152 228	20 745 603	4	(D)	1 376	189 247	20 846 810	2	(D)
Floyd	811	108 155	13 898 599	6	605	894	132 029	15 091 739	6	(D)
Franklin	870	130 089	17 768 732	5	234	1 022	172 074	20 827 413	2	(D)
Fremont	567	87 155	9 823 386	9	1 148	605	97 807	8 725 670	7	773
Greene	789	112 576	16 013 687	4	377	882	148 325	17 624 475	3	445
Grundy	886	128 793	18 051 570	-	-	954	160 873	19 687 197	-	-
Guthrie	737	82 343	10 291 912	2	(D)	841	107 907	11 360 563	1	(D)
Hamilton	883	126 152	17 603 314	1	(D)	990	165 668	20 614 069	-	-
Hancock	940	128 403	17 048 320	5	450	1 050	166 870	20 170 740	4	480
Hardin	872	128 885	17 937 064	1	(D)	983	167 179	21 145 166	1	(D)
Harrison	835	124 451	16 261 726	70	9 998	956	148 222	15 315 138	63	11 122
Henry	670	76 628	7 780 010	-	-	765	104 574	12 564 266	-	-
Howard	790	86 835	10 708 944	1	(D)	879	109 104	10 854 823	2	(D)
Humboldt	679	96 411	13 484 942	3	261	749	124 196	15 813 697	1	(D)
Ida	651	92 054	11 032 148	-	-	725	111 238	12 682 001	1	(D)
Iowa	863	118 279	14 285 398	-	-	950	153 884	17 707 102	-	-
Jackson	1 032	86 001	9 565 228	-	-	1 130	116 534	13 723 345	1	(D)
Jasper	1 104	140 825	18 812 791	5	(D)	1 245	177 296	21 054 371	2	(D)
Jefferson	570	63 756	6 364 526	-	-	679	81 451	9 023 779	-	-
Johnson	1 020	108 975	11 784 648	1	(D)	1 160	145 747	17 586 784	-	-
Jones	941	115 264	13 718 597	-	-	1 082	152 719	19 351 320	1	(D)
Keokuk	828	109 327	13 610 959	-	-	955	138 528	16 229 762	-	-
Kossuth	1 556	212 709	30 307 429	5	390	1 691	273 362	34 888 272	5	590
Lee	707	67 487	6 070 069	4	176	762	84 397	9 785 050	-	-
Linn	1 260	124 735	15 227 689	-	-	1 375	157 295	19 259 510	2	(D)
Louisa	537	72 324	7 168 836	14	1 765	586	94 241	11 895 481	8	1 277
Lucas	400	28 860	2 908 261	-	-	458	38 653	2 941 910	-	-
Lyon	1 016	117 416	13 619 698	12	1 038	1 185	149 090	15 102 970	8	655
Madison	698	58 576	6 955 682	-	-	761	71 220	6 706 904	-	-
Mahaska	954	107 872	14 344 045	-	-	1 030	127 705	14 086 859	1	(D)
Marion	801	70 865	8 764 911	-	-	868	81 644	8 138 926	-	-
Marshall	833	121 035	16 830 774	-	-	961	155 054	18 972 614	1	(D)
Mills	513	80 324	9 796 784	3	470	526	94 974	9 143 749	6	905
Mitchell	763	96 111	11 770 471	2	(D)	842	117 903	13 667 001	2	(D)
Monona	738	127 574	15 077 846	84	17 551	778	155 575	16 765 786	67	(D)
Monroe	447	26 349	2 665 907	-	-	481	32 211	2 527 481	-	-
Montgomery	575	73 645	8 730 435	-	-	592	84 492	7 856 659	-	-
Muscatine	684	81 722	7 955 200	14	995	796	104 558	12 902 533	10	847
O'Brien	1 056	124 897	16 222 003	-	-	1 138	155 057	17 144 500	-	-
Osceola	616	77 922	10 347 932	9	895	720	102 719	11 764 594	10	999
Page	812	84 480	9 291 092	2	(D)	818	94 960	8 257 952	-	-
Palo Alto	838	118 241	15 586 249	27	4 254	918	154 733	18 779 488	22	(D)
Plymouth	1 452	188 164	20 983 864	11	1 336	1 575	226 503	23 682 167	14	2 255
Pocahontas	910	118 510	15 779 661	2	(D)	1 002	157 764	19 706 823	1	(D)
Polk	653	80 518	11 274 889	1	(D)	724	100 893	11 940 107	-	-
Pottawattamie	1 287	190 703	25 187 379	6	1 785	1 401	231 146	25 299 252	8	(D)
Poweshiek	818	100 151	12 586 370	1	(D)	917	129 984	15 053 738	-	-
Ringgold	482	40 969	4 248 023	-	-	524	51 306	3 927 821	-	-

Table 24. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)—Con.										
Counties—Con.										
Sac	897	119 558	15 021 139	6	621	964	149 270	16 488 523	2	(D)
Scott	763	111 372	13 407 266	-	-	878	148 128	19 310 273	-	-
Shelby	984	132 411	16 173 486	-	-	1 130	163 575	18 089 977	-	-
Sioux	1 561	194 424	22 031 184	54	7 716	1 689	226 736	23 940 261	53	6 846
Story	885	116 748	16 455 650	5	(D)	986	152 049	19 136 567	1	(D)
Tama	1 137	146 615	19 327 395	-	-	1 228	173 412	20 382 661	-	-
Taylor	581	55 044	5 868 957	-	-	653	64 316	4 986 346	1	(D)
Union	473	40 799	4 545 259	-	-	521	49 811	4 211 312	-	-
Van Buren	553	41 462	4 100 414	-	-	652	58 885	5 885 896	-	-
Wapello	511	49 900	5 287 674	-	-	628	60 987	6 668 944	-	-
Warren	793	69 880	8 380 487	1	(D)	847	84 363	8 010 793	1	(D)
Washington	932	116 371	13 290 292	3	28	1 018	153 099	19 016 996	1	(D)
Wayne	505	43 055	4 557 377	-	-	557	60 140	8 554 293	-	-
Webster	1 048	138 143	19 331 951	1	(D)	1 140	182 890	23 057 388	1	(D)
Winnebago	640	87 427	11 820 656	-	-	711	112 432	13 198 676	1	(D)
Winneshiek	1 290	103 614	13 335 146	1	(D)	1 425	132 345	13 478 416	2	(D)
Woodbury	1 020	162 688	18 991 273	20	3 564	1 178	214 962	22 589 745	24	4 883
Worth	552	77 320	10 020 057	2	(D)	669	104 574	12 557 015	3	390
Wright	798	119 346	16 476 936	2	(D)	903	163 690	20 396 041	-	-
SORGHUM FOR GRAIN OR SEED (BUSHELS)										
State Total										
Iowa	108	4 376	334 779	-	-	292	13 500	752 727	1	(D)
Counties										
Adams	3	160	(D)	-	-	4	(D)	4 480	-	-
Boone	3	10	420	-	-	3	(D)	5 225	-	-
Chickasaw	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clarke	4	19	993	-	-	12	398	10 889	-	-
Decatur	3	136	11 780	-	-	7	347	16 480	-	-
Dubuque	4	64	4 730	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont	7	484	45 258	-	-	15	739	65 258	-	-
Howard	3	163	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	7	144	8 160	-	-	5	92	2 424	-	-
Lee	5	158	7 134	-	-	3	(D)	2 040	-	-
Linn	4	200	14 060	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Polk	3	61	(D)	-	-	5	(D)	(D)	-	-
Story	3	14	1 200	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor	4	57	2 560	-	-	5	(D)	9 900	-	-
Washington	6	80	3 847	-	-	19	409	14 628	-	-
All other counties	39	2 283	174 961	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
WHEAT FOR GRAIN (BUSHELS)										
State Total										
Iowa	1 345	31 047	1 180 360	2	(D)	2 7[illegible]1	98 688	2 845 239	13	843
Counties										
Adair	7	(D)	46 740	-	-	31	1 161	36 306	-	-
Adams	17	519	11 123	-	-	61	2 402	61 312	1	(D)
Appanoose	8	115	3 735	-	-	42	853	23 153	-	-
Audubon	7	356	17 472	-	-	13	608	18 236	-	-
Benton	17	302	12 534	-	-	12	550	10 530	-	-
Black Hawk	5	134	5 063	-	-	7	532	17 513	-	-
Boone	11	167	7 423	-	-	13	561	23 786	-	-
Bremer	3	(D)	981	-	-	4	122	3 115	-	-
Buchanan	10	135	6 416	-	-	7	136	3 910	-	-
Buena Vista	3	(D)	10 260	-	-	3	314	5 620	-	-
Butler	7	220	7 952	-	-	10	262	5 601	-	
Carroll	3	447	24 364	-	-	7	161	4 183	-	
Cass	22	505	17 436	-	-	52	2 380	82 352	-	
Cedar	9	297	8 695	-	-	15	296	12 987	-	
Cerro Gordo	3	(D)	450	-	-	4	87	1 660	-	
Chickasaw	7	215	8 450	-	-	6	82	2 558	-	
Clarke	7	162	3 355	-	-	15	334	9 685	-	
Clayton	11	143	6 840	-	-	3	(D)	(D)	1	(D
Clinton	31	510	26 072	-	-	14	247	9 067	-	
Crawford	9	120	4 853	-	-	28	895	30 022	-	
Dallas	8	322	19 349	-	-	10	372	15 057	-	
Davis	31	589	17 300	-	-	83	2 129	53 316	-	
Decatur	15	304	8 160	-	-	44	2 178	58 208	1	(D
Delaware	21	275	10 215	-	-	5	158	6 644	-	
Des Moines	42	690	35 118	-	-	84	3 057	98 275	-	
Dickinson	5	166	6 521	-	-	(NA)	(NA)	(NA)	(NA)	(N
Dubuque	11	104	4 735	-	-	11	230	8 391	-	
Fayette	12	213	7 220	-	-	16	326	9 976	-	
Floyd	5	34	1 120	-	-	7	179	8 039	-	
Franklin	3	(D)	11 910	-	-	3	(D)	(D)	-	

Table 24. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WHEAT FOR GRAIN (BUSHELS)—Con.										
Counties—Con.										
Fremont	19	577	22 387	-	-	61	3 958	68 546	-	-
Greene	5	139	4 180	-	-	5	612	20 950	-	-
Grundy	5	68	3 485	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	6	124	3 290	-	-	11	409	14 590	-	-
Hamilton	3	(D)	6 620	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison	32	1 101	37 407	-	-	147	6 220	207 700	1	(D)
Henry	22	301	13 151	-	-	60	1 261	37 241	-	-
Howard	6	122	3 112	-	-	8	(D)	13 610	-	-
Ida	8	79	3 240	-	-	3	22	680	-	-
Iowa	12	111	6 413	-	-	16	413	15 035	-	-
Jackson	40	542	23 455	-	-	17	427	19 155	-	-
Jasper	5	65	2 667	-	-	9	189	7 308	-	-
Jefferson	33	1 128	29 320	-	-	70	1 841	50 816	-	-
Johnson	18	369	17 322	-	-	26	694	26 907	-	-
Jones	13	196	5 020	-	-	13	992	23 768	-	-
Keokuk	29	616	25 108	-	-	48	1 056	36 927	-	-
Kossuth	4	54	2 260	-	-	6	193	3 490	-	-
Lee	119	1 807	69 203	-	-	243	5 578	142 196	-	-
Linn	28	368	12 916	-	-	18	688	24 470	-	-
Louisa	24	716	28 483	2	(D)	31	1 164	38 956	2	(D)
Lyon	5	53	2 250	-	-	13	383	13 907	-	-
Madison	4	120	5 045	-	-	37	1 299	31 703	-	-
Mahaska	6	94	3 615	-	-	9	105	2 802	-	-
Marion	16	235	7 450	-	-	35	915	28 174	-	-
Marshall	10	140	5 938	-	-	6	76	4 290	-	-
Mills	29	673	22 119	-	-	73	3 109	87 181	-	-
Mitchell	23	338	12 084	-	-	15	530	16 454	-	-
Monona	34	1 151	38 895	-	-	66	5 265	150 032	1	(D)
Monroe	6	104	4 095	-	-	16	248	6 595	-	-
Montgomery	12	482	17 674	-	-	70	2 497	66 229	-	-
Muscatine	28	737	27 926	-	-	26	1 039	40 239	2	(D)
O'Brien	3	34	1 560	-	-	4	160	6 080	-	-
Osceola	5	158	4 079	-	-	9	243	8 069	-	-
Page	64	1 626	57 610	-	-	154	5 557	134 320	-	-
Plymouth	19	325	14 129	-	-	16	732	26 028	1	(D)
Polk	4	107	3 940	-	-	21	786	22 448	-	-
Pottawattamie	43	1 516	54 434	-	-	115	3 845	141 885	-	-
Poweshiek	6	164	8 820	-	-	5	81	4 180	-	-
Ringgold	10	437	12 789	-	-	48	2 010	37 916	-	-
Sac	3	64	3 150	-	-	15	782	32 803	-	-
Scott	6	109	5 604	-	-	8	110	3 780	-	-
Shelby	4	58	2 710	-	-	17	768	29 845	-	-
Sioux	7	231	9 820	-	-	10	472	17 517	1	(D)
Story	7	128	5 419	-	-	8	144	5 255	-	-
Tama	10	240	9 760	-	-	11	393	8 558	-	-
Taylor	27	576	24 097	-	-	107	4 358	89 988	-	-
Union	10	268	7 953	-	-	42	1 881	58 912	-	-
Van Buren	40	554	18 220	-	-	132	3 629	93 388	-	-
Wapello	6	59	1 170	-	-	30	1 178	38 707	-	-
Warren	9	207	8 579	-	-	41	1 402	36 837	-	-
Washington	47	876	36 235	-	-	52	1 218	47 571	2	(D)
Wayne	19	343	11 688	-	-	42	1 372	37 681	-	-
Webster	3	(D)	2 650	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek	6	79	4 030	-	-	10	259	7 760	-	-
Woodbury	16	697	20 137	-	-	14	1 002	32 224	-	-
All other counties	17	821	31 805	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
BARLEY FOR GRAIN (BUSHELS)										
State Total										
Iowa	357	6 545	358 125	7	483	137	3 449	161 974	4	184
Counties										
Allamakee	20	399	19 938	-	-	5	122	8 260	-	-
Benton	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	3	13	580	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista	4	52	3 230	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll	4	64	3 460	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee	4	110	4 509	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	3	45	1 968	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	22	449	23 351	-	-	5	45	2 010	-	-
Crawford	3	69	3 551	-	-	5	157	6 500	-	-
Delaware	12	188	13 830	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	56	990	59 917	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette	24	442	25 360	-	-	7	119	3 800	-	-
Franklin	4	48	2 820	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Howard	9	189	10 215	-	-	5	134	4 108	-	-
Ida	3	115	6 535	-	-	6	155	11 560	-	-
Jackson	3	40	2 030	-	-	4	42	2 784	-	-
Johnson	3	19	1 140	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jones	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon	3	90	5 200	1	(D)	7	261	15 089	-	-
Marshall	5	106	5 590	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHELS)—Con.										
Counties—Con.										
Mitchell	8	64	2 525	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine	3	44	1 320	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	4	124	6 791	-	-	4	93	6 550	-	-
Sac	3	62	3 460	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Shelby	3	35	1 900	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Tama	5	99	4 765	1	(D)	3	(D)	(D)	-	-
Winneshiek	93	1 470	76 087	-	-	3	76	3 850	-	
Woodbury	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA
All other counties	44	1 056	59 118	4	353	(NA)	(NA)	(NA)	(NA)	(NA
MIXED GRAIN (BUSHELS)										
State Total										
Iowa	5	103	5 540	-	-	13	452	15 695	-	
OATS FOR GRAIN (BUSHELS)										
State Total										
Iowa	25 398	544 907	30 918 660	16	484	35 752	811 716	45 769 302	21	43
Counties										
Adair	318	6 998	313 087	-	-	486	11 545	510 718	-	
Adams	178	4 495	198 446	-	-	262	6 881	250 468	-	
Allamakee	577	14 044	808 084	-	-	662	14 907	814 921	1	(D
Appanoose	92	1 461	63 161	-	-	134	2 134	67 868	-	
Audubon	236	5 359	332 061	-	-	384	9 522	526 448	-	
Benton	457	9 097	547 160	-	-	619	13 098	733 540	-	
Black Hawk	226	4 596	243 747	-	-	347	6 943	363 395	-	
Boone	148	3 031	186 754	-	-	268	5 416	333 105	-	
Bremer	339	6 102	355 158	-	-	459	8 468	402 525	-	
Buchanan	474	8 399	475 365	-	-	513	9 957	469 424	-	
Buena Vista	169	3 160	188 471	-	-	310	6 062	437 499	-	
Butler	361	6 881	392 072	-	-	544	11 090	600 642	1	(
Calhoun	140	2 913	167 384	-	-	283	6 385	467 266	-	
Carroll	375	8 249	493 853	-	-	518	11 912	796 252	-	
Cass	185	3 618	151 785	-	-	341	7 667	337 778	-	
Cedar	324	5 739	361 588	-	-	423	8 116	492 998	1	(
Cerro Gordo	166	3 500	200 255	-	-	265	5 644	340 832	-	
Cherokee	219	4 098	262 749	-	-	383	8 084	636 600	-	
Chickasaw	381	7 470	450 070	-	-	441	8 945	402 283	1	(
Clarke	142	3 347	101 555	-	-	182	4 298	124 563	1	(
Clay	111	2 587	145 093	-	-	253	6 111	405 917	-	
Clayton	932	22 492	1 453 302	-	-	979	23 130	1 190 512	-	
Clinton	447	7 919	467 898	2	(D)	509	9 984	576 764	-	
Crawford	459	11 605	522 245	-	-	718	21 572	1 421 057	-	
Dallas	124	2 441	138 165	-	-	186	3 172	198 263	-	
Davis	171	2 702	105 283	-	-	237	4 029	121 172	-	
Decatur	55	1 180	36 181	-	-	93	1 909	48 469	-	
Delaware	767	17 382	1 083 467	-	-	825	19 199	960 503	-	
Des Moines	72	1 072	50 331	-	-	103	1 400	62 314	-	
Dickinson	96	2 212	130 921	-	-	162	3 644	268 587	-	
Dubuque	973	22 459	1 449 245	-	-	1 065	24 858	1 152 458	-	
Emmet	54	1 074	65 923	-	-	94	1 546	119 231	-	
Fayette	662	14 940	967 020	-	-	807	18 081	943 149	-	
Floyd	211	4 573	278 941	-	-	328	7 403	363 225	1	
Franklin	177	2 772	165 857	-	-	308	5 547	321 577	-	
Fremont	20	437	21 686	-	-	62	1 509	72 579	-	
Greene	128	2 336	144 126	-	-	195	4 087	269 988	-	
Grundy	169	2 666	160 529	-	-	278	6 066	352 447	-	
Guthrie	229	5 183	249 610	-	-	380	8 999	463 145	1	
Hamilton	95	1 483	97 869	-	-	187	2 886	160 069	-	
Hancock	198	3 471	226 932	1	(D)	341	6 111	365 293	-	
Hardin	141	2 681	164 514	-	-	260	5 403	328 755	-	
Harrison	146	3 325	171 519	-	-	273	7 645	497 882	-	
Henry	127	1 925	90 324	-	-	184	2 927	123 279	1	
Howard	378	9 270	505 665	-	-	487	12 003	584 675	-	
Humboldt	106	2 107	123 290	-	-	141	2 805	194 297	1	
Ida	200	4 566	222 282	-	-	324	9 411	685 981	-	
Iowa	393	9 024	457 953	-	-	459	10 738	506 915	-	
Jackson	642	14 445	847 486	1	(D)	712	15 859	738 155	1	
Jasper	389	8 616	477 835	1	(D)	579	13 049	737 591	-	
Jefferson	171	3 411	144 299	-	-	238	4 700	193 563	-	
Johnson	465	10 945	570 480	1	(D)	525	11 437	554 889	-	
Jones	426	9 551	549 614	-	-	517	11 425	544 213	-	
Keokuk	224	4 281	200 473	-	-	304	6 244	281 493	-	
Kossuth	267	4 886	297 649	-	-	424	6 916	478 535	-	
Lee	107	1 712	64 373	-	-	131	1 897	74 623	-	
Linn	489	9 449	512 429	1	(D)	559	11 367	501 366	-	
Louisa	83	1 120	54 386	-	-	115	2 208	101 602	1	
Lucas	89	1 837	71 585	1	(D)	133	2 782	94 297	-	
Lyon	369	8 074	566 384	-	-	611	17 431	1 354 138	2	

Table 24. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
OATS FOR GRAIN (BUSHELS)—Con.										
Counties—Con.										
Madison	142	3 048	153 495	-	-	237	4 654	201 418	-	-
Mahaska	318	6 110	337 828	-	-	487	9 147	454 832	-	-
Marion	246	4 948	248 410	-	-	326	6 855	314 512	2	(D)
Marshall	197	3 631	184 055	-	-	307	6 704	369 757	-	-
Mills	52	1 210	55 791	-	-	104	2 212	101 253	-	-
Mitchell	321	7 833	476 743	1	(D)	440	11 016	570 060	-	-
Monona	128	4 556	214 139	1	(D)	220	7 226	486 380	-	-
Monroe	83	1 457	62 381	-	-	116	2 226	75 721	-	-
Montgomery	96	1 866	91 878	-	-	167	3 631	158 943	-	-
Muscatine	204	4 275	224 208	1	(D)	252	5 032	294 363	-	-
O'Brien	283	4 530	346 987	-	-	377	7 357	567 640	-	-
Osceola	157	2 702	195 555	-	-	293	6 484	515 169	1	(D)
Page	136	2 540	107 537	-	-	226	4 973	197 745	-	-
Palo Alto	156	3 157	197 644	-	-	239	5 071	346 962	-	-
Plymouth	563	16 054	1 058 772	-	-	908	29 494	2 209 116	-	-
Pocahontas	121	2 024	125 628	2	(D)	220	4 245	301 329	-	-
Polk	88	1 600	87 155	-	-	143	2 742	142 333	-	-
Pottawattamie	300	7 231	451 766	-	-	450	11 916	711 435	-	-
Poweshiek	367	9 532	464 644	1	(D)	518	13 759	738 063	-	-
Ringgold	98	2 560	90 507	-	-	121	3 736	110 629	-	-
Sac	237	5 983	362 676	-	-	393	9 499	689 114	1	(D)
Scott	263	4 480	293 480	-	-	336	6 042	385 075	-	-
Shelby	380	8 645	476 387	-	-	593	15 110	986 603	-	-
Sioux	479	10 947	744 073	1	(D)	836	23 997	1 818 046	2	(D)
Story	90	1 527	86 951	1	(D)	172	2 802	160 239	-	-
Tama	347	6 465	313 356	-	-	547	10 857	585 436	-	-
Taylor	120	2 737	104 925	-	-	190	4 415	146 753	-	-
Union	139	3 301	137 330	-	-	239	6 178	228 631	-	-
Van Buren	122	2 046	72 429	-	-	167	2 706	83 733	-	-
Wapello	98	1 651	68 796	-	-	124	1 990	80 535	-	-
Warren	167	2 972	125 358	-	-	245	4 425	181 085	-	-
Washington	327	6 212	295 085	-	-	359	6 944	324 486	-	-
Wayne	81	1 625	57 353	-	-	139	3 451	92 822	1	(D)
Webster	93	1 798	104 881	-	-	166	3 441	214 039	-	-
Winnebago	157	2 860	186 347	-	-	244	4 389	266 192	-	-
Winneshiek	853	20 576	1 217 857	-	-	1 057	26 005	1 341 908	-	-
Woodbury	282	9 046	495 502	-	-	493	18 807	1 372 094	1	(D)
Worth	146	2 758	160 748	-	-	262	5 063	297 258	-	-
Wright	88	1 546	94 034	-	-	129	2 350	145 496	-	-
POPCORN (POUNDS, SHELLED)										
State Total										
Iowa	584	22 040	60 796 850	14	(D)	280	17 709	47 629 502	8	1 206
Counties										
Adair	8	(D)	400 977	-	-	3	67	108 000	-	-
Allamakee	17	(D)	423 866	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Audubon	6	(D)	705 042	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Benton	5	129	120 500	-	-	3	(D)	(D)	-	-
Black Hawk	8	(D)	67 740	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	5	(D)	614 460	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	8	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Buena Vista	4	(D)	402 620	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Carroll	10	(D)	917 100	-	-	4	208	624 900	-	-
Cass	10	(D)	944 906	-	-	3	180	419 030	-	-
Cedar	3	20	17 500	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee	10	355	823 333	-	-	5	192	558 000	-	-
Chickasaw	3	52	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clay	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford	27	1 089	3 457 640	-	-	32	1 576	3 441 959	-	-
Dallas	3	(D)	12 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur	3	148	291 800	-	-	5	96	270 400	-	-
Delaware	9	(D)	146 765	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	7	49	80 700	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fayette	9	(D)	223 380	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Floyd	6	75	150 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin	3	(D)	121 910	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Fremont	20	(D)	2 642 640	-	-	13	886	2 088 465	-	-
Hamilton	5	(D)	261 161	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock	5	133	345 250	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Harrison	21	(D)	6 890 477	6	523	12	1 818	5 783 795	2	(D)
Howard	9	(D)	170 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ida	17	552	1 741 868	-	-	7	227	691 500	-	-
Iowa	5	(D)	422 365	-	-	4	216	696 000	-	-
Jackson	7	75	90 400	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	10	431	1 274 150	-	-	3	4	(D)	-	-
Johnson	6	57	(D)	-	-	17	956	2 407 196	-	-
Jones	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Keokuk	7	205	593 100	-	-	6	507	1 204 550	-	-
Kossuth	12	391	1 315 485	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	3	(D)	(D)	-	-	4	(D)	(D)	-	-
Madison	5	39	69 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska	6	23	24 900	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
POPCORN (POUNDS, SHELLED)—Con										
Counties—Con										
Marshall	5	80	238 400	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mills	5	406	946 020	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	11	(D)	306 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Monona	41	2 777	8 359 055	3	(D)	17	1 428	3 867 300	2	(D)
Monroe	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Page	4	(D)	399 400	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto	5	308	888 700	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	22	792	2 539 294	1	(D)	5	172	239 600	-	-
Pottawattamie	7	218	380 888	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Poweshiek	7	(D)	574 206	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac	41	1 676	4 780 772	-	-	44	2 857	8 533 347	-	-
Shelby	15	(D)	1 371 030	-	-	15	717	1 484 201	-	-
Story	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Union	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	6	272	888 700	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	6	6	4 160	-	-	4	7	9 925	-	-
Woodbury	38	2 294	7 083 550	1	(D)	25	1 515	4 418 270	2	(D)
Worth	3	(D)	240 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	42	1 192	2 479 860	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
RYE FOR GRAIN (BUSHELS)										
State Total										
Iowa	138	1 867	56 342	3	84	142	2 187	58 124	3	18
Counties										
Benton	5	26	490	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	5	89	2 250	-	-	4	39	1 419	-	-
Butler	7	48	1 715	-	-	4	(D)	(D)	-	-
Carroll	3	46	2 655	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Cerro Gordo	3	55	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Clayton	3	22	1 330	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Clinton	6	38	1 935	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Greene	4	39	1 460	-	-	4	27	720	-	-
Guthrie	3	48	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Jackson	3	46	1 700	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Johnson	4	27	792	-	-	4	42	1 144	-	
Jones	4	(D)	2 250	-	-	3	(D)	(D)	-	
Lee	3	(D)	(D)	-	-	4	22	(D)	-	
Louisa	11	181	2 790	1	(D)	11	230	5 525	2	(D
Mills	4	17	720	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Muscatine	12	193	2 789	1	(D)	10	212	4 089	1	(D
Sioux	5	(D)	5 835	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Van Buren	3	23	596	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Washington	3	12	410	-	-	(NA)	(NA)	(NA)	(NA)	(NA
Winneshiek	3	12	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA
All other counties	44	682	21 440	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA

Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHELS)										
State Total										
Iowa	68 278	7 903 395	326 081 351	221	20 304	73 175	8 044 305	291 189 890	179	21 215
Counties										
Adair	667	66 704	2 824 823	-	-	724	60 861	1 963 818	-	-
Adams	451	42 173	1 603 229	-	-	513	46 894	1 359 648	-	-
Allamakee	120	3 726	156 073	-	-	93	3 881	127 430	-	-
Appanoose	401	25 860	914 278	-	-	462	27 523	678 723	-	-
Audubon	607	65 109	2 752 156	2	(D)	589	60 722	2 213 337	-	-
Benton	1 062	126 534	5 712 984	1	(D)	1 159	125 859	4 949 326	-	-
Black Hawk	867	88 213	4 010 768	1	(D)	903	89 027	3 342 554	-	-
Boone	795	122 615	5 406 176	-	-	869	117 640	4 613 391	-	-
Bremer	692	52 660	2 283 773	1	(D)	801	54 571	1 903 151	2	(D)
Buchanan	870	71 922	3 242 621	-	-	831	70 965	2 536 562	-	-
Buena Vista	924	130 258	5 335 671	3	87	975	128 265	4 754 154	1	(D)
Butler	926	86 141	3 689 973	2	(D)	1 008	87 484	3 074 173	1	(D)
Calhoun	853	144 293	6 418 023	4	242	982	142 903	5 444 739	1	(D)
Carroll	1 037	115 659	4 939 438	1	(D)	1 058	105 362	3 917 008	-	-
Cass	724	84 078	3 381 709	-	-	768	79 903	2 675 778	-	-
Cedar	772	71 248	3 170 044	-	-	727	65 194	2 766 003	-	-
Cerro Gordo	683	98 942	4 077 185	3	(D)	762	108 511	3 849 075	4	422
Cherokee	860	100 873	4 296 210	1	(D)	931	94 917	3 665 347	-	-
Chickasaw	691	59 084	2 461 583	2	(D)	751	68 068	2 089 898	1	(D)
Clarke	347	24 717	810 789	-	-	413	31 031	855 044	-	-
Clay	725	114 582	4 687 610	1	(D)	841	122 931	4 282 755	1	(D)
Clayton	170	10 851	470 117	-	-	103	4 774	159 641	-	-
Clinton	790	63 428	2 843 390	-	-	735	61 018	2 544 219	-	-
Crawford	946	98 070	3 728 789	-	-	1 065	95 097	3 561 513	-	-
Dallas	713	103 628	4 548 961	-	-	821	110 491	4 380 271	-	-
Davis	424	31 948	1 021 541	-	-	481	39 280	1 069 729	-	-
Decatur	349	31 224	1 110 698	-	-	409	38 795	1 110 730	-	-
Delaware	473	26 262	1 209 472	-	-	342	23 128	859 791	-	-
Des Moines	521	50 976	1 927 508	-	-	524	50 035	1 979 636	1	(D)
Dickinson	463	74 062	2 903 116	-	-	511	79 497	2 722 856	-	-
Dubuque	101	4 133	190 367	-	-	49	2 576	95 904	-	-
Emmet	502	84 899	3 648 321	2	(D)	593	93 139	3 402 627	1	(D)
Fayette	772	67 824	3 026 716	1	(D)	774	69 751	2 378 462	-	-
Floyd	739	93 208	3 800 357	4	158	829	100 532	3 333 829	1	(D)
Franklin	799	111 856	4 815 151	1	(D)	917	117 185	4 365 184	-	-
Fremont	577	107 022	3 991 260	2	(D)	627	109 574	3 536 275	2	(D)
Greene	781	139 225	6 162 505	3	162	862	135 875	5 325 461	1	(D)
Grundy	828	103 749	5 036 510	-	-	858	102 338	4 198 442	-	-
Guthrie	643	72 201	2 943 678	2	(D)	713	68 067	2 484 422	-	-
Hamilton	841	133 655	5 584 073	1	(D)	942	140 524	5 166 533	-	-
Hancock	872	120 801	4 940 656	4	123	969	125 373	4 600 447	2	(D)
Hardin	819	105 352	4 775 850	-	-	874	111 782	4 235 612	-	-
Harrison	783	113 656	4 448 314	38	5 260	902	119 347	4 282 323	30	4 006
Henry	571	49 029	1 825 532	-	-	584	50 970	1 978 114	1	(D)
Howard	618	63 110	2 465 619	1	(D)	676	68 118	2 012 431	-	-
Humboldt	651	111 004	4 940 795	-	-	737	110 578	4 294 879	1	(D)
Ida	605	69 740	2 642 609	-	-	668	63 284	2 433 934	-	-
Iowa	670	48 725	2 119 747	1	(D)	620	42 773	1 535 573	-	-
Jackson	250	9 467	384 426	-	-	165	8 978	332 713	-	-
Jasper	965	102 143	4 539 434	1	(D)	1 078	100 764	3 854 115	1	(D)
Jefferson	492	54 787	2 011 235	2	(D)	576	55 406	1 844 494	-	-
Johnson	705	54 296	2 117 402	1	(D)	696	52 853	1 990 388	-	-
Jones	527	40 219	1 763 211	1	(D)	508	37 353	1 519 228	-	-
Keokuk	709	64 470	2 684 142	-	-	718	62 613	2 367 841	-	-
Kossuth	1 489	233 034	10 015 719	1	(D)	1 605	242 744	9 106 277	-	-
Lee	648	60 580	1 831 319	2	(D)	706	60 020	2 247 209	-	-
Linn	946	81 631	3 458 797	-	-	1 030	93 015	3 545 750	1	(D)
Louisa	451	50 482	1 772 175	8	787	462	51 568	1 986 002	10	1 170
Lucas	298	19 978	715 510	-	-	364	23 885	651 139	-	-
Lyon	939	105 550	4 264 389	3	210	1 038	100 781	3 672 931	7	287
Madison	583	51 363	2 104 554	-	-	678	55 647	1 772 094	-	-
Mahaska	858	79 429	3 294 041	1	(D)	897	77 354	2 945 590	-	-
Marion	688	58 702	2 435 855	1	(D)	749	55 091	1 878 454	-	-
Marshall	744	81 281	3 909 328	-	-	809	88 522	3 434 854	-	-
Mills	487	80 845	2 992 822	1	(D)	505	85 552	2 894 094	4	790
Mitchell	664	72 951	3 024 302	2	(D)	724	78 877	2 656 646	-	-
Monona	630	97 936	3 594 035	46	7 140	649	99 942	3 612 148	33	6 187
Monroe	333	19 212	705 634	-	-	381	22 490	555 787	-	-
Montgomery	532	72 597	2 646 499	-	-	564	74 660	2 353 467	-	-
Muscatine	556	54 102	1 986 587	19	1 045	582	52 162	1 975 763	12	876
O'Brien	999	132 665	5 610 722	-	-	1 092	133 676	4 586 410	1	(D)
Osceola	624	91 774	3 803 501	4	235	708	93 454	3 395 507	7	528
Page	785	94 261	3 335 358	-	-	823	92 283	2 774 462	-	-
Palo Alto	802	126 240	5 266 410	7	436	874	132 729	4 951 144	3	92
Plymouth	1 287	137 600	5 594 158	5	358	1 300	122 453	4 685 018	5	611
Pocahontas	878	142 055	5 258 627	2	(D)	984	149 489	5 684 972	-	-
Polk	608	79 880	3 515 595	-	-	694	82 108	3 123 411	-	-
Pottawattamie	1 126	159 046	6 246 430	2	(D)	1 215	157 244	5 813 859	3	185
Poweshiek	731	76 368	3 315 883	-	-	811	77 013	2 888 838	-	-
Ringgold	439	42 819	1 460 253	-	-	531	54 693	1 415 334	-	-

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982 –Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987 Harvested Farms	1987 Harvested Acres	1987 Harvested Quantity	1987 Irrigated Farms	1987 Irrigated Acres	1982 Harvested Farms	1982 Harvested Acres	1982 Harvested Quantity	1982 Irrigated Farms
SOYBEANS FOR BEANS (BUSHELS) –Con.									
Counties –Con.									
Sac	667	117 662	4 678 622	3	50	665	117 232	4 304 705	1
Scott	603	38 700	1 761 863			534	35 178	1 500 730	
Shelby	681	80 620	3 030 350	1	(D)	644	82 030	3 130 415	
Sioux	1 330	110 663	5 108 580	10	746	1 205	100 644	4 101 548	21
Story	648	117 665	5 334 137	1	(D)	828	125 147	4 600 014	1
Tama	860	100 830	4 831 128			1 072	100 880	3 752 508	
Taylor	560	58 818	1 878 388			661	63 883	1 880 704	
Union	428	32 661	1 260 631			472	33 724	840 811	
Van Buren	505	40 843	1 360 380			540	44 727	1 310 501	
Wapello	470	40 721	1 880 538			533	47 562	1 571 260	
Warren	840	53 371	2 100 882	1	(D)	731	57 440	1 702 002	1
Washington	700	80 723	2 818 021			758	80 840	2 700 350	
Wayne	420	38 334	1 378 703			502	47 300	1 104 030	1
Webster	1 030	170 000	7 272 882			1 111	172 302	6 747 005	
Winnebago	381	82 200	3 070 284			858	88 800	3 030 700	1
Winneshiek	411	18 380	773 018	1	1 500	378	18 807	511 135	
Woodbury	703	80 871	3 388 177			811	80 143	3 001 875	
Worth	517	72 843	2 818 118			502	82 707	2 840 302	
Wright	[illegible]	137 100	5 831 282	1	(D)	873	140 810	5 881 301	13
DRY EDIBLE BEANS, EXCLUDING DRY LIMAS (CWT)									
State Total									
Iowa	77	4 310	57 410	5	400	70	5 200	60 140	1
Counties									
Benton	4	200	3 614			(NA)	(NA)	(NA)	(NA)
Black Hawk	5	128	1 400			(NA)	(NA)	(NA)	(NA)
Bremer	4	240	3 014			(NA)	(NA)	(NA)	(NA)
Buchanan	3	85	832			(NA)	(NA)	(NA)	(NA)
Carroll	3	75	(D)			(NA)	(NA)	(NA)	(NA)
Crawford	4	204	3 592			(NA)	(NA)	(NA)	(NA)
Harrison	7	574	11 510	3	(D)	(NA)	(NA)	(NA)	(NA)
Jefferson	3	310	4 050			(NA)	(NA)	(NA)	(NA)
Kossuth	4	130	2 350			(NA)	(NA)	(NA)	(NA)
Linn	3	70	(D)			(NA)	(NA)	(NA)	(NA)
O'Brien	3	60	830			(NA)	(NA)	(NA)	(NA)
Osceola	6	245	3 200			(NA)	(NA)	(NA)	(NA)
All other counties	28	1 021	10 320	2	(D)	(NA)	(NA)	(NA)	(NA)
IRISH POTATOES (CWT)									
State Total									
Iowa	104	1 999	338 881	20	1 158	140	1 767	207 830	22
Counties									
Benton	3	(D)	(D)			(NA)	(NA)	(NA)	(NA)
Cedar	3	(D)	(D)			(NA)	(NA)	(NA)	(NA)
Clayton	4	(Z)	92			3	(D)	(D)	
Greene	3	8	480			(NA)	(NA)	(NA)	(NA)
Johnson	3	9	785	1	(D)	3	(Z)	37	
Lee	6	11	(D)	2	(D)	4	(D)	227	1
Linn	4	7	310	1	(D)	5	6	1 300	3
Louisa	4	532	88 040	4	532	7	524	93 050	6
Mahaska	4	8	(D)			(NA)	(NA)	(NA)	(NA)
Marion	3	(D)	(D)			(NA)	(NA)	(NA)	(NA)
Muscatine	10	320	49 445	9	319	12	330	63 231	11
Union	4	(D)	(D)			(NA)	(NA)	(NA)	(NA)
All other counties	53	1 061	185 291	3	302	(NA)	(NA)	(NA)	(NA)

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FIELD SEED AND GRASS SEED CROPS										
State Total										
Iowa	226	5 358	(X)			108	2 268	(X)		
ALFALFA SEED (POUNDS)										
State Total										
Iowa	6	290	25 260			9	186	11 872		
BROMEGRASS SEED (POUNDS)										
State Total										
Iowa	32	750	100 611			3	(D)	8 520		
Counties										
Crawford	5	(D)	3 236			(NA)	(NA)	(NA)	(NA)	(NA)
Mills	5	(D)	8 520			(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	3	(D)	6 700			(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury	10	415	53 905			(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	9	182	28 250			(NA)	(NA)	(NA)	(NA)	(NA)
RED CLOVER SEED (POUNDS)										
State Total										
Iowa	114	2 141	205 215			72	1 155	63 982		
Counties										
Adams	3	111	10 440			(NA)	(NA)	(NA)	(NA)	(NA)
Crawford	3	73	7 972			3	(D)	3 822		
Davis	11	226	27 556			4	(D)	6 578		
Henry	5	(D)	10 122			(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	5	60	7 320			4	63	2 613		
Jefferson	16	275	21 373			4	25	1 522		
Lee	8	106	8 065			7	87	5 478		
Van Buren	24	462	53 305			4	(D)	5 522		
Wayne	4	60	4 000			(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	33	(D)	54 210			(NA)	(NA)	(NA)	(NA)	(NA)
TIMOTHY SEED (POUNDS)										
State Total										
Iowa	17	258	42 230			15	390	47 748		
Counties										
Davis	3	17	1 480			(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	14	241	40 750			(NA)	(NA)	(NA)	(NA)	(NA)
VETCH SEED (POUNDS)										
State Total										
Iowa	12	197	54 411			6	235	95 121		
OTHER SEEDS (POUNDS)										
State Total										
Iowa	59	1 645	418 288			6	177	92 893		

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)										
State Total										
Iowa	48 271	1 968 207	5 612 944	45	1 216	56 372	2 035 033	6 201 756	50	1 271
Counties										
Adair	614	31 464	90 889	-	-	778	37 387	119 769	-	-
Adams	425	20 097	50 601	-	-	513	22 222	62 298	-	-
Allamakee	841	61 648	201 858	-	-	933	64 141	202 351	1	(D)
Appanoose	647	42 156	88 741	-	-	641	37 168	85 191	-	-
Audubon	389	14 191	39 511	-	-	520	19 933	60 351	-	-
Benton	694	22 834	69 242	-	-	753	22 576	75 970	1	(D)
Black Hawk	436	11 407	35 873	2	(D)	493	12 361	40 072	-	-
Boone	341	8 786	22 894	-	-	439	8 951	27 298	-	-
Bremer	541	19 025	63 101	-	-	646	19 768	65 091	-	-
Buchanan	582	17 151	49 252	-	-	646	16 589	47 710	-	-
Buena Vista	255	6 408	18 989	-	-	349	7 109	24 186	-	-
Butler	551	15 805	48 111	-	-	684	17 484	55 864	-	-
Calhoun	253	5 766	14 940	-	-	340	7 400	22 680	2	(D)
Carroll	506	15 229	44 485	-	-	574	15 843	54 734	-	-
Cass	491	21 367	60 394	-	-	613	24 070	72 478	1	(D)
Cedar	508	16 257	46 853	1	(D)	560	14 782	48 145	1	(D)
Cerro Gordo	270	7 141	21 514	-	-	288	5 898	17 352	-	-
Cherokee	427	13 799	40 137	1	(D)	516	13 009	44 265	-	-
Chickasaw	542	21 142	65 690	2	(D)	615	20 205	60 875	1	(D)
Clarke	488	29 766	72 601	1	(D)	549	30 296	85 337	-	-
Clay	241	8 003	24 283	-	-	374	10 165	31 498	1	(D)
Clayton	1 272	83 341	280 637	-	-	1 365	77 426	256 360	1	(D)
Clinton	638	21 568	66 184	2	(D)	659	19 963	66 594	-	-
Crawford	676	23 903	72 404	-	-	844	27 523	91 697	-	-
Dallas	374	9 641	25 982	-	-	480	11 364	37 125	1	(D)
Davis	657	33 142	65 049	1	(D)	703	35 614	86 323	-	-
Decatur	468	32 832	68 292	-	-	572	39 380	97 645	-	-
Delaware	955	48 626	162 552	1	(D)	993	43 421	144 535	-	-
Des Moines	325	10 277	25 293	-	-	312	8 976	27 017	-	-
Dickinson	192	7 714	25 840	-	-	224	7 137	23 321	-	-
Dubuque	1 267	78 518	262 491	-	-	1 318	67 323	225 753	-	-
Emmet	152	4 169	12 388	-	-	190	4 256	13 231	1	(D
Fayette	870	44 262	153 556	-	-	1 012	44 646	150 537	1	(D
Floyd	358	10 394	27 345	-	-	436	10 686	32 818	2	(D
Franklin	280	6 939	20 679	1	(D)	355	7 997	27 112	-	-
Fremont	246	7 103	19 829	-	-	326	7 805	21 330	-	-
Greene	263	6 434	18 712	1	(D)	379	7 346	24 019	-	-
Grundy	349	10 752	39 468	-	-	368	9 219	33 161	-	-
Guthrie	467	18 363	47 514	-	-	622	26 124	79 064	-	-
Hamilton	175	3 209	7 655	-	-	256	3 822	10 485	-	-
Hancock	269	8 021	24 100	1	(D)	371	8 526	28 378	-	
Hardin	334	8 244	24 095	2	(D)	386	8 710	27 460	1	(D
Harrison	399	10 308	33 457	2	(D)	594	14 426	43 944	6	8
Henry	379	11 848	23 015	-	-	411	10 965	28 555	1	(D
Howard	489	19 656	60 098	-	-	600	23 563	76 407	-	
Humboldt	166	3 877	10 916	-	-	203	3 850	13 678	-	
Ida	339	11 288	37 312	-	-	422	12 702	44 897	-	
Iowa	637	29 335	84 406	-	-	704	29 582	90 079	-	
Jackson	973	55 526	168 340	1	(D)	1 005	50 447	162 197	-	
Jasper	751	27 194	78 317	2	(D)	917	31 734	102 730	1	(D
Jefferson	435	17 313	32 777	-	-	491	17 231	44 724	1	(
Johnson	726	27 387	78 049	-	-	829	26 493	79 042	-	
Jones	653	30 056	91 030	-	-	714	27 093	85 269	-	
Keokuk	503	22 121	54 874	-	-	647	23 152	66 596	-	
Kossuth	414	10 445	32 328	1	(D)	523	10 791	35 229	-	
Lee	546	18 627	39 578	1	(D)	548	16 460	45 195	-	
Linn	861	26 646	73 686	1	(D)	830	21 809	65 853	-	
Louisa	236	7 023	16 495	2	(D)	249	6 126	16 209	1	(
Lucas	457	27 877	66 759	-	-	545	28 711	69 494	-	
Lyon	580	17 502	56 854	2	(D)	668	16 135	53 230	3	
Madison	666	26 569	72 773	1	(D)	734	28 233	83 053	-	
Mahaska	587	18 691	55 259	-	-	698	22 334	77 092	-	
Marion	598	21 952	56 969	4	48	749	28 030	86 594	-	
Marshall	445	13 025	37 663	-	-	549	13 745	48 277	-	
Mills	208	6 228	16 896	-	-	315	7 560	22 518	-	
Mitchell	377	13 931	35 040	-	-	434	12 636	37 075	-	
Monona	288	8 834	25 860	-	-	349	9 459	29 054	1	(
Monroe	519	28 990	71 972	-	-	545	29 595	74 201	-	
Montgomery	368	13 303	36 280	-	-	426	14 401	40 060	-	
Muscatine	393	12 153	31 220	2	(D)	425	11 696	39 881	-	
O'Brien	346	8 570	26 522	-	-	415	8 194	27 528	-	
Osceola	259	5 678	16 170	-	-	313	6 580	21 142	2	
Page	549	19 137	49 756	1	(D)	659	21 815	58 694	-	
Palo Alto	216	5 134	15 890	-	-	281	6 048	21 068	1	
Plymouth	711	21 453	71 173	-	-	880	21 080	71 208	2	
Pocahontas	198	4 570	13 757	-	-	302	4 914	15 738	-	
Polk	302	7 553	22 959	-	-	407	8 823	27 414	-	
Pottawattamie	714	22 980	86 760	-	-	876	23 570	78 235	-	
Poweshiek	616	28 433	89 007	-	-	748	33 379	110 461	-	
Ringgold	451	35 333	83 083	-	-	570	45 550	119 603	-	

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)—Con.										
Counties—Con.										
Sac	354	13 399	43 069	1	(D)	485	14 470	50 240	1	(D)
Scott	424	11 494	33 762	-	-	436	10 360	37 484	-	-
Shelby	510	14 859	42 633	-	-	648	16 902	56 093	-	-
Sioux	683	23 295	77 068	5	111	823	21 834	72 720	9	276
Story	283	6 859	18 019	1	(D)	355	6 452	21 057	-	-
Tama	671	23 868	73 682	-	-	771	23 713	71 984	1	(D)
Taylor	467	24 517	55 475	-	-	578	29 373	74 913	1	(D)
Union	457	25 540	65 941	-	-	513	30 311	86 629	-	-
Van Buren	537	23 500	47 206	-	-	580	22 807	53 577	-	-
Wapello	535	19 928	45 976	-	-	544	20 382	54 045	-	-
Warren	791	30 959	83 102	2	(D)	842	29 786	84 024	-	-
Washington	514	17 874	41 048	-	-	576	17 058	51 137	-	-
Wayne	485	34 854	77 469	-	-	590	41 887	96 287	1	(D)
Webster	244	4 356	11 473	-	-	320	5 516	17 637	-	-
Winnebago	214	6 010	19 682	-	-	238	4 812	14 615	-	-
Winneshiek	1 220	76 101	249 750	-	-	1 361	75 939	244 011	1	(D)
Woodbury	510	17 814	48 432	-	-	653	19 332	59 672	-	-
Worth	238	6 256	16 825	-	-	294	6 796	24 052	2	(D)
Wright	150	3 064	8 788	-	-	215	3 768	13 855	-	-
ALFALFA HAY (TONS, DRY)										
State Total										
Iowa	41 883	1 380 550	4 444 233	31	641	49 275	1 535 085	5 091 238	41	1 056
Counties										
Adair	556	24 447	77 356	-	-	726	32 740	109 923	-	-
Adams	331	12 227	34 701	-	-	424	16 021	49 285	-	-
Allamakee	810	48 025	171 587	-	-	887	50 137	172 656	1	(D)
Appanoose	446	23 179	56 244	-	-	491	25 038	63 134	-	-
Audubon	340	9 586	29 902	-	-	463	15 174	48 912	-	-
Benton	634	17 700	58 560	-	-	684	18 345	66 636	1	(D)
Black Hawk	395	8 790	30 322	2	(D)	416	9 696	33 115	-	-
Boone	300	6 223	17 263	-	-	388	7 351	23 795	-	-
Bremer	509	13 910	51 458	-	-	565	14 039	53 029	-	-
Buchanan	527	12 306	38 447	-	-	569	12 406	39 333	-	-
Buena Vista	211	3 655	13 396	-	-	290	4 978	18 482	-	-
Butler	504	12 275	40 379	-	-	600	13 374	46 209	-	-
Calhoun	213	3 603	11 373	-	-	302	5 696	19 220	2	(D)
Carroll	434	10 639	36 462	-	-	508	12 781	47 931	-	-
Cass	446	15 714	50 002	-	-	547	19 169	62 485	1	(D)
Cedar	470	12 696	38 994	1	(D)	521	12 168	41 745	-	-
Cerro Gordo	247	5 378	18 028	-	-	247	4 780	15 410	-	-
Cherokee	353	8 306	30 262	1	(D)	435	9 139	35 415	-	-
Chickasaw	469	15 120	53 806	2	(D)	501	14 683	48 218	1	(D)
Clarke	415	22 328	59 073	1	(D)	499	25 388	76 291	-	-
Clay	198	4 945	17 835	-	-	317	7 341	25 608	1	(D)
Clayton	1 205	62 097	235 224	-	-	1 281	58 912	215 349	-	-
Clinton	573	16 515	54 748	-	-	597	15 054	54 936	-	-
Crawford	608	17 673	61 921	-	-	769	22 905	81 097	-	-
Dallas	332	7 146	20 987	-	-	427	9 421	32 594	1	(D)
Davis	395	14 133	30 242	1	(D)	467	18 827	49 822	-	-
Decatur	343	18 874	42 634	-	-	455	27 019	71 547	-	-
Delaware	894	35 928	132 611	1	(D)	909	31 410	113 663	-	-
Des Moines	286	7 463	20 884	-	-	251	6 784	22 237	-	-
Dickinson	165	5 583	22 326	-	-	193	5 587	20 242	-	-
Dubuque	1 201	55 000	206 583	-	-	1 246	49 615	180 440	-	-
Emmet	131	2 564	8 624	-	-	160	3 251	10 775	-	-
Fayette	813	33 782	128 901	-	-	909	32 827	122 231	1	(D)
Floyd	313	7 249	21 189	-	-	352	7 879	26 875	2	(D)
Franklin	249	5 153	16 955	-	-	312	5 812	21 112	-	-
Fremont	208	4 920	15 445	-	-	273	5 548	17 335	-	-
Greene	239	4 804	15 340	1	(D)	340	6 285	21 527	-	-
Grundy	321	8 811	35 485	-	-	331	7 559	28 795	-	-
Guthrie	392	12 772	36 698	-	-	558	21 645	69 234	-	-
Hamilton	153	2 328	6 494	-	-	208	2 868	8 693	-	-
Hancock	237	5 152	17 622	1	(D)	338	6 357	23 247	-	-
Hardin	290	5 920	19 137	-	-	349	7 141	23 749	1	(D)
Harrison	359	8 092	30 053	1	(D)	533	11 630	38 168	6	83
Henry	304	8 424	17 580	-	-	317	7 662	21 640	1	(D)
Howard	395	13 376	45 285	-	-	503	16 958	59 250	-	-
Humboldt	136	2 380	7 928	-	-	177	2 856	11 281	-	-
Ida	269	8 080	30 966	-	-	371	9 691	38 184	-	-
Iowa	594	24 173	71 723	-	-	654	25 020	80 677	-	-
Jackson	917	42 514	139 138	-	-	937	39 450	134 225	-	-
Jasper	670	20 691	64 195	2	(D)	819	25 453	88 582	1	(D)
Jefferson	324	10 184	21 620	-	-	373	11 478	32 119	-	-
Johnson	630	19 997	62 001	-	-	710	20 597	65 570	-	-
Jones	609	22 297	75 226	-	-	659	21 169	70 853	-	-
Keokuk	447	16 293	45 365	-	-	569	19 481	59 497	-	-
Kossuth	356	6 494	24 445	-	-	470	9 011	31 259	-	-
Lee	412	10 395	25 569	-	-	411	10 676	33 601	-	-
Linn	785	19 989	60 775	-	-	744	17 189	55 550	-	-
Louisa	212	5 021	12 965	2	(D)	208	4 423	12 809	1	(D)
Lucas	342	16 754	46 800	-	-	446	20 849	54 136	-	-
Lyon	465	10 239	40 458	2	(D)	550	11 176	41 023	2	(D)

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Ac
ALFALFA HAY (TONS, DRY) —Con.										
Counties—Con.										
Madison	617	21 055	63 416	1	(D)	678	23 018	72 882	-	
Mahaska	518	13 087	42 672	-	-	611	16 968	62 087	-	
Marion	518	15 811	45 629	3	(D)	672	22 132	73 482	-	
Marshall	412	10 666	32 926	-	-	516	12 298	42 815	-	
Mills	190	4 328	14 049	-	-	282	6 095	20 037	-	
Mitchell	333	9 809	28 231	-	-	379	9 082	29 087	-	
Monona	245	5 264	19 706	-	-	304	6 837	23 811	1	
Monroe	434	19 968	54 276	-	-	481	23 449	62 581	-	
Montgomery	326	9 986	30 072	-	-	379	11 179	33 831	-	
Muscatine	362	9 521	26 439	2	(D)	371	9 287	33 889	-	
O'Brien	273	5 037	19 450	-	-	331	5 434	21 222	-	
Osceola	210	3 255	11 744	-	-	269	4 475	16 320	2	
Page	424	11 425	35 069	1	(D)	547	14 493	43 922	-	
Palo Alto	176	3 139	12 160	-	-	238	4 210	16 155	1	
Plymouth	587	13 270	55 083	-	-	736	15 357	58 084	2	
Pocahontas	167	2 583	9 646	-	-	261	3 519	12 559	-	
Polk	261	5 704	18 302	-	-	366	7 404	24 155	-	
Pottawattamie	637	17 163	55 844	-	-	605	19 020	68 199	-	
Poweshiek	573	23 056	75 023	-	-	702	28 602	100 298	-	
Ringgold	347	22 292	58 210	-	-	482	32 742	93 756	-	
Sac	309	9 081	35 319	-	-	430	10 909	40 247	1	
Scott	375	8 594	27 227	-	-	393	7 973	31 439	-	
Shelby	455	10 645	34 187	-	-	592	13 072	47 936	-	
Sioux	493	12 050	49 053	4	(D)	584	12 481	50 139	8	
Story	253	4 602	14 474	1	(D)	314	5 116	17 767	-	
Tama	622	19 470	65 076	-	-	707	20 047	64 113	1	
Taylor	340	14 877	38 585	-	-	449	19 288	55 100	-	
Union	366	17 160	49 964	-	-	433	21 900	67 705	-	
Van Buren	406	13 773	31 217	-	-	421	13 436	34 719	-	
Wapello	412	12 949	33 099	-	-	446	14 260	41 891	-	
Warren	697	23 652	70 137	1	(D)	778	24 932	74 567	-	
Washington	437	12 577	32 381	-	-	491	12 849	41 143	-	
Wayne	366	20 977	51 687	-	-	468	28 114	68 417	1	
Webster	206	3 080	9 307	-	-	275	4 007	14 127	-	
Winnebago	192	4 332	16 256	-	-	219	4 085	12 957	-	
Winneshiek	1 168	58 611	214 031	-	-	1 288	57 130	201 708	1	
Woodbury	437	10 735	35 837	-	-	567	13 992	48 482	-	
Worth	209	4 608	13 834	-	-	262	4 960	17 500	-	
Wright	128	2 046	6 951	-	-	192	3 014	11 353	-	
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Iowa	7 161	163 591	289 319	9	151	4 976	93 424	177 100	7	
Counties										
Adair	110	2 638	4 663	-	-	50	833	1 547	-	
Adams	116	3 068	5 589	-	-	52	976	1 571	-	
Allamakee	100	1 663	3 124	-	-	114	2 226	(D)	-	
Appanoose	62	1 428	2 857	-	-	71	1 239	2 095	-	
Audubon	56	1 676	3 669	-	-	31	601	(D)	-	
Benton	99	1 762	2 966	-	-	48	(D)	(D)	-	
Black Hawk	48	958	1 215	-	-	47	834	1 368	-	
Boone	44	1 177	2 312	-	-	28	406	590	-	
Bremer	60	1 011	2 181	-	-	67	1 019	2 085	-	
Buchanan	68	1 585	3 107	-	-	60	1 128	1 865	-	
Buena Vista	40	907	1 429	-	-	27	(D)	(D)	-	
Butler	59	1 198	2 132	-	-	43	961	1 826	-	
Calhoun	36	1 028	1 159	-	-	22	455	486	-	
Carroll	63	1 503	2 513	-	-	43	723	(D)	-	
Cass	79	2 266	4 315	-	-	55	1 117	2 181	-	
Cedar	85	1 837	3 582	-	-	44	(D)	(D)	-	
Cerro Gordo	31	764	905	-	-	15	159	216	-	
Cherokee	78	1 970	2 844	-	-	48	1 173	2 825	-	
Chickasaw	73	1 637	2 950	-	-	59	854	1 372	-	
Clarke	106	2 109	3 564	-	-	59	1 373	2 045	-	
Clay	37	1 228	2 751	-	-	20	545	740	-	
Clayton	139	2 679	5 610	-	-	119	2 620	6 362	-	
Clinton	85	1 496	2 925	-	-	70	1 490	3 003	-	
Crawford	123	3 523	6 138	-	-	62	1 312	3 545	-	
Dallas	55	1 291	2 113	-	-	25	(D)	599	-	
Davis	120	1 992	3 411	-	-	71	1 070	1 840	-	
Decatur	57	1 093	2 112	-	-	50	1 106	1 815	-	
Delaware	110	2 102	4 107	-	-	106	2 297	4 920	-	
Des Moines	59	1 188	1 937	-	-	50	596	1 310	-	
Dickinson	28	913	1 555	-	-	15	225	414	-	
Dubuque	154	3 154	6 827	-	-	138	2 595	5 652	-	
Emmet	24	706	1 185	-	-	7	124	209	1	
Fayette	87	1 529	3 278	-	-	85	1 746	3 397	-	
Floyd	52	1 121	1 759	-	-	44	713	1 185	-	
Franklin	32	579	1 162	-	-	21	(D)	(D)	-	
Fremont	31	690	1 211	-	-	37	511	(D)	-	
Greene	34	796	1 259	-	-	22	(D)	(D)	-	
Grundy	51	902	1 318	-	-	21	(D)	(D)	-	
Guthrie	89	1 951	2 985	-	-	38	684	1 378	-	
Hamilton	24	342	416	-	-	19	158	290	-	

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SMALL GRAIN HAY (TONS, DRY)—Con.										
Counties—Con.										
Hancock	28	807	2 083	-	-	32	433	675	-	-
Hardin	42	955	1 570	2	(D)	22	393	453	-	-
Harrison	63	1 465	2 180	-	-	66	1 242	2 363	-	-
Henry	60	1 369	2 152	-	-	46	745	(D)	-	-
Howard	42	1 212	2 722	-	-	39	860	2 011	-	-
Humboldt	25	601	950	-	-	11	170	275	-	-
Ida	59	1 323	2 622	-	-	27	(D)	(D)	-	-
Iowa	73	1 612	3 252	-	-	61	1 282	(D)	-	-
Jackson	162	3 472	6 816	-	-	107	2 234	4 125	-	-
Jasper	105	2 069	3 878	-	-	56	(D)	(D)	-	-
Jefferson	62	1 320	1 491	-	-	43	572	(D)	-	-
Johnson	111	2 344	4 008	-	-	64	1 147	1 850	-	-
Jones	79	1 970	3 231	-	-	57	1 115	2 272	-	-
Keokuk	103	2 707	4 066	-	-	61	992	(D)	-	-
Kossuth	64	1 703	2 907	-	-	23	(D)	(D)	-	-
Lee	101	1 868	2 571	-	-	62	838	(D)	-	-
Linn	119	2 607	4 218	1	(D)	59	1 195	2 297	-	-
Louisa	44	1 047	1 711	-	-	29	508	894	-	-
Lucas	70	1 201	1 922	-	-	53	1 039	(D)	-	-
Lyon	89	2 075	5 562	1	(D)	78	1 559	4 020	1	(D)
Madison	117	2 448	3 792	-	-	54	699	888	-	-
Mahaska	97	1 754	3 624	-	-	49	(D)	(D)	-	-
Marion	96	2 091	3 096	1	(D)	53	(D)	(D)	-	-
Marshall	66	1 274	2 563	-	-	31	508	1 035	-	-
Mills	35	956	1 307	-	-	24	562	926	-	-
Mitchell	35	729	1 149	-	-	22	510	1 422	-	-
Monona	76	2 017	2 863	-	-	65	1 057	2 459	-	-
Monroe	78	1 402	2 731	-	-	66	1 163	(D)	-	-
Montgomery	67	1 355	2 450	-	-	42	720	(D)	-	-
Muscatine	60	1 205	1 598	1	(D)	35	(D)	(D)	-	-
O'Brien	36	878	1 805	-	-	37	675	1 357	-	-
Osceola	34	874	1 687	-	-	23	726	1 791	-	-
Page	119	2 452	4 123	-	-	83	1 345	2 118	-	-
Palo Alto	42	1 007	2 010	-	-	14	190	465	-	-
Plymouth	134	4 263	8 761	-	-	92	1 947	4 703	-	-
Pocahontas	35	1 296	2 643	-	-	18	489	775	-	-
Polk	31	729	1 533	-	-	20	211	(D)	-	-
Pottawattamie	101	2 726	4 424	-	-	90	1 570	3 163	-	-
Poweshiek	85	2 264	4 481	-	-	51	1 248	1 919	-	-
Ringgold	95	2 023	3 003	-	-	86	2 346	4 118	-	-
Sac	51	2 272	3 551	1	(D)	29	544	1 694	-	-
Scott	62	1 147	2 018	-	-	37	554	1 220	-	-
Shelby	85	1 793	3 102	-	-	49	(D)	(D)	-	-
Sioux	120	3 977	11 058	2	(D)	134	2 606	5 315	2	(D)
Story	42	1 201	1 705	-	-	23	361	(D)	-	-
Tama	71	1 571	2 563	-	-	40	(D)	(D)	-	-
Taylor	116	2 430	3 980	-	-	88	1 649	2 493	1	(D)
Union	124	2 743	4 746	-	-	54	1 277	2 681	-	-
Van Buren	102	1 857	2 429	-	-	73	1 228	(D)	-	-
Wapello	66	1 260	2 184	-	-	56	971	1 763	-	-
Warren	102	2 499	3 758	-	-	63	1 075	1 810	-	-
Washington	85	1 681	2 352	-	-	47	842	1 557	-	-
Wayne	73	1 767	2 349	-	-	64	1 526	2 745	-	-
Webster	24	618	695	-	-	19	255	432	-	-
Winnebago	32	753	1 200	-	-	13	243	428	-	-
Winneshiek	112	2 428	3 749	-	-	102	2 180	4 460	-	-
Woodbury	97	3 304	4 947	-	-	101	2 246	4 768	-	-
Worth	31	835	1 393	-	-	21	282	480	2	(D)
Wright	22	525	850	-	-	11	154	287	-	-
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)										
State Total										
Iowa	6 711	210 942	417 288	8	128	7 369	195 853	439 003	1	(D)
Counties										
Adair	92	2 994	6 238	-	-	90	2 188	4 328	-	-
Adams	121	3 819	8 372	-	-	143	4 219	8 795	-	-
Allamakee	38	(D)	(D)	-	-	47	(D)	4 617	-	-
Appanoose	277	15 642	27 195	-	-	237	10 444	18 825	-	-
Audubon	52	(D)	(D)	-	-	62	1 979	4 621	-	-
Benton	46	1 008	1 918	-	-	61	1 175	2 874	-	-
Black Hawk	19	447	896	-	-	55	740	2 338	-	-
Boone	27	827	(D)	-	-	38	572	1 516	-	-
Bremer	34	576	1 298	-	-	59	842	1 735	-	-
Buchanan	59	(D)	(D)	-	-	59	1 037	2 223	-	-
Buena Vista	27	608	971	-	-	33	323	759	-	-
Butler	45	805	1 923	-	-	62	774	2 159	-	-
Calhoun	18	288	490	-	-	15	195	645	-	-
Carroll	47	1 022	2 003	-	-	48	(D)	1 682	-	-
Cass	63	1 692	(D)	-	-	73	1 865	3 824	-	-
Cedar	29	(D)	(D)	-	-	29	710	2 289	-	-
Cerro Gordo	20	542	1 614	-	-	33	515	834	-	-
Cherokee	45	896	1 615	-	-	47	606	1 486	-	-
Chickasaw	80	1 657	4 075	-	-	106	2 301	6 440	-	-
Clarke	134	4 845	9 365	-	-	100	3 289	6 501	-	-

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982			
	Harvested			Irrigated		Harvested			Irrigated
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)—Con.									
Counties—Con.									
Clay	26	(D)	(D)	-	-	43	952	1 681	-
Clayton	81	2 718	6 643	-	-	101	2 400	6 660	1
Clinton	40	781	1 789	2	(D)	38	(D)	(D)	-
Crawford	64	1 558	(D)	-	-	62	1 219	2 888	-
Dallas	48	951	(D)	-	-	47	809	1 939	-
Davis	344	15 851	30 170	-	-	319	13 621	30 472	-
Decatur	191	10 899	20 569	-	-	181	8 615	20 349	-
Delaware	61	1 458	(D)	-	-	63	1 332	3 760	-
Des Moines	40	1 009	1 608	-	-	52	921	2 200	-
Dickinson	9	156	228	-	-	16	180	263	-
Dubuque	49	529	3 060	-	-	62	1 436	3 593	-
Emmet	16	208	612	-	-	22	322	875	-
Fayette	63	1 448	3 902	-	-	97	2 042	5 494	-
Floyd	29	461	902	-	-	74	1 025	2 302	-
Franklin	18	304	588	1	(D)	25	609	2 297	-
Fremont	53	1 326	2 702	-	-	65	1 568	2 797	-
Greene	19	(D)	(D)	-	-	32	354	845	-
Grundy	14	193	458	-	-	26	385	1 073	-
Guthrie	89	2 613	6 233	-	-	95	2 783	6 235	-
Hamilton	12	(D)	(D)	-	-	31	508	837	-
Hancock	11	139	363	-	-	17	(D)	659	-
Hardin	22	344	679	-	-	22	414	1 060	-
Harrison	21	432	691	1	(D)	52	969	2 105	-
Henry	85	1 636	2 494	-	-	83	1 933	4 286	-
Howard	94	2 149	5 474	-	-	114	2 786	8 213	-
Humboldt	16	438	1 181	-	-	19	362	811	-
Ida	33	(D)	(D)	-	-	41	605	1 239	-
Iowa	54	1 815	(D)	-	-	53	(D)	3 236	-
Jackson	57	1 973	4 288	-	-	58	1 425	3 978	-
Jasper	88	(D)	(D)	-	-	114	1 975	4 615	-
Jefferson	131	4 264	6 810	-	-	138	3 860	8 817	-
Johnson	104	2 758	6 838	-	-	126	2 817	6 749	-
Jones	47	1 145	2 616	-	-	51	1 201	3 126	-
Keokuk	61	2 382	4 301	-	-	77	1 739	3 559	-
Kossuth	26	342	922	-	-	36	441	887	-
Lee	165	4 156	7 495	-	-	159	3 431	7 076	-
Linn	78	1 927	4 241	-	-	76	1 478	3 847	-
Louisa	23	(D)	(D)	1	(D)	35	949	2 120	-
Lucas	166	8 564	15 852	-	-	147	5 894	11 725	-
Lyon	71	688	1 271	-	-	69	616	1 223	-
Madison	74	2 198	4 155	-	-	96	2 207	5 039	-
Mahaska	64	1 136	2 434	-	-	76	1 519	4 056	-
Marion	98	2 414	4 715	1	(D)	91	1 917	3 932	-
Marshall	21	452	(D)	-	-	24	380	1 032	-
Mills	18	328	690	-	-	37	564	1 160	-
Mitchell	34	640	986	-	-	47	792	1 869	-
Monona	27	585	1 062	-	-	44	1 123	(D)	-
Monroe	141	6 668	12 747	-	-	126	4 134	7 750	-
Montgomery	58	1 734	3 253	-	-	69	1 804	3 985	-
Muscatine	39	827	1 768	-	-	50	922	3 061	-
O'Brien	47	371	799	-	-	57	488	1 085	-
Osceola	25	267	535	-	-	24	(D)	(D)	-
Page	180	4 802	9 580	-	-	192	4 918	9 699	-
Palo Alto	10	281	356	-	-	17	562	1 283	-
Plymouth	108	1 544	3 042	-	-	87	1 084	2 250	-
Pocahontas	12	(D)	(D)	-	-	25	251	728	-
Polk	47	734	(D)	-	-	54	942	2 163	-
Pottawattamie	60	1 216	2 372	-	-	52	858	2 251	-
Poweshiek	58	1 542	5 115	-	-	65	1 608	4 652	-
Ringgold	158	9 780	19 236	-	-	160	8 320	17 850	-
Sac	34	788	1 366	-	-	32	913	1 501	-
Scott	26	356	757	-	-	26	441	1 159	-
Shelby	38	954	2 056	-	-	51	1 065	2 158	-
Sioux	79	1 061	2 057	-	-	101	1 403	2 943	-
Story	24	(D)	(D)	-	-	29	381	947	-
Tama	56	1 483	2 932	-	-	59	1 376	3 058	-
Taylor	188	6 578	12 003	-	-	209	7 153	15 426	-
Union	128	4 714	9 915	-	-	129	5 257	12 595	-
Van Buren	202	7 069	12 521	-	-	217	7 092	14 900	-
Wapello	169	4 749	8 461	-	-	141	3 861	7 557	-
Warren	120	3 566	7 163	2	(D)	112	2 726	5 183	-
Washington	86	2 460	(D)	-	-	82	2 142	5 273	-
Wayne	207	11 182	21 708	-	-	211	10 494	21 826	-
Webster	27	265	500	-	-	26	156	382	-
Winnebago	13	267	465	-	-	11	102	298	-
Winneshiek	52	1 386	3 556	-	-	80	2 396	7 460	-
Woodbury	58	(D)	(D)	-	-	78	1 166	2 481	-
Worth	29	399	714	-	-	33	394	986	-
Wright	8	(D)	(D)	-	-	14	(D)	(D)	-

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WILD HAY (TONS, DRY)										
State Total										
Iowa	799	12 511	16 140	2	(D)	956	14 096	27 507	-	-
Counties										
Adair	5	(D)	145	-	-	5	160	281	-	-
Adams	6	97	278	-	-	6	40	35	-	-
Appanoose	25	1 376	1 277	-	-	12	209	499	-	-
Black Hawk	4	26	34	-	-	8	38	94	-	-
Bremer	20	202	302	-	-	29	371	523	-	-
Buchanan	3	(D)	(D)	-	-	4	28	78	-	-
Buena Vista	7	146	137	-	-	9	(D)	(D)	-	-
Butler	8	177	253	-	-	12	168	252	-	-
Calhoun	3	26	41	-	-	7	51	91	-	-
Carroll	4	70	52	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	4	(D)	97	-	-	9	99	118	-	-
Cherokee	24	(D)	(D)	-	-	35	369	664	-	-
Chickasaw	8	72	86	-	-	12	90	173	-	-
Clarke	6	70	152	-	-	4	(D)	(D)	-	-
Clay	15	(D)	(D)	-	-	14	269	671	-	-
Clayton	4	59	55	-	-	15	428	1 046	-	-
Clinton	4	50	61	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis	9	314	197	-	-	21	531	1 276	-	-
Decatur	15	319	329	-	-	19	862	1 420	-	-
Delaware	4	41	(D)	-	-	8	288	1 027	-	-
Des Moines	5	28	31	-	-	6	80	141	-	-
Dickinson	14	170	261	-	-	14	219	399	-	-
Dubuque	8	90	234	-	-	7	93	359	-	-
Emmet	5	67	69	-	-	6	148	205	-	-
Fayette	3	(D)	(D)	-	-	16	403	928	-	-
Floyd	11	70	94	-	-	7	48	67	-	-
Franklin	4	26	47	-	-	3	(D)	(D)	-	-
Grundy	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	3	33	36	-	-	7	164	554	-	-
Hancock	12	114	279	-	-	7	(D)	148	-	-
Hardin	7	64	101	-	-	6	35	56	-	-
Harrison	9	42	88	-	-	10	(D)	198	-	-
Howard	5	37	80	-	-	15	267	604	-	-
Humboldt	7	80	123	-	-	4	32	44	-	-
Jackson	8	96	149	-	-	8	272	880	-	-
Jefferson	9	375	488	-	-	10	321	(D)	-	-
Johnson	6	166	268	-	-	9	105	177	-	-
Jones	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth	23	451	668	1	(D)	20	(D)	(D)	-	-
Lee	17	277	368	1	(D)	3	31	(D)	-	-
Linn	6	309	203	-	-	10	74	107	-	-
Lucas	9	344	282	-	-	10	200	(D)	-	-
Lyon	58	719	1 329	-	-	76	711	1 429	-	-
Madison	4	(D)	44	-	-	10	171	234	-	-
Mahaska	6	109	167	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Marion	3	39	75	-	-	3	(D)	(D)	-	-
Marshall	3	15	(D)	-	-	4	23	34	-	-
Mills	5	28	32	-	-	6	(D)	(D)	-	-
Mitchell	4	39	34	-	-	4	25	25	-	-
Monona	3	38	66	-	-	4	(D)	(D)	-	-
Monroe	5	85	52	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine	7	82	187	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
O'Brien	41	471	862	-	-	40	361	549	-	-
Osceola	35	341	494	-	-	39	(D)	(D)	-	-
Page	6	(D)	(D)	-	-	6	79	116	-	-
Palo Alto	15	139	261	-	-	16	219	395	-	-
Plymouth	45	511	884	-	-	55	780	1 417	-	-
Pottawattamie	5	16	33	-	-	9	(D)	(D)	-	-
Poweshiek	4	(D)	56	-	-	4	32	104	-	-
Ringgold	8	163	240	-	-	15	(D)	832	-	-
Sac	5	54	90	-	-	5	69	98	-	-
Scott	5	58	86	-	-	4	(D)	(D)	-	-
Shelby	4	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux	40	280	536	-	-	60	519	1 220	-	-
Tama	4	212	348	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Taylor	8	(D)	(D)	-	-	12	295	496	-	-
Union	11	169	240	-	-	8	315	435	-	-
Van Buren	5	63	62	-	-	3	31	(D)	-	-
Wapello	10	288	437	-	-	7	85	109	-	-
Warren	6	88	73	-	-	9	114	158	-	-
Washington	6	(D)	(D)	-	-	5	40	82	-	-
Wayne	8	161	217	-	-	7	76	208	-	-
Webster	3	30	44	-	-	5	52	82	-	-
Winnebago	8	62	108	-	-	4	50	60	-	-
Winneshiek	8	46	83	-	-	18	288	790	-	-
Woodbury	8	(D)	(D)	-	-	11	100	110	-	-
Worth	18	175	246	-	-	17	232	248	-	-
All other counties	30	390	543	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Ac
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)										
State Total										
Iowa	4 755	200 613	1 331 943	3	(D)	5 243	196 575	1 400 719	6	
Counties										
Adair	29	(D)	7 465	-	-	27	1 466	11 072	-	
Adams	18	886	4 985	-	-	17	966	7 834	-	
Allamakee	212	10 269	68 961	-	-	215	9 959	62 390	-	
Appanoose	15	531	3 506	-	-	8	238	1 914	-	
Audubon	28	1 596	11 289	-	-	40	2 101	17 593	-	
Benton	54	2 384	17 389	-	-	60	1 978	14 247	-	
Black Hawk	38	1 186	10 219	-	-	38	1 053	9 462	-	
Boone	10	(D)	5 781	-	-	16	483	3 752	-	
Bremer	91	3 326	23 583	-	-	101	3 497	23 150	-	
Buchanan	63	2 159	16 038	-	-	73	1 990	12 632	-	
Buena Vista	29	1 092	9 169	-	-	42	1 423	12 157	-	
Butler	47	1 350	10 270	-	-	64	2 207	16 259	-	
Calhoun	19	821	5 637	-	-	28	1 003	6 714	-	
Carroll	58	1 995	10 363	-	-	60	1 588	11 925	-	
Cass	34	(D)	8 905	-	-	40	1 919	11 974	-	
Cedar	29	1 047	7 186	-	-	45	1 166	8 282	1	
Cerro Gordo	10	(D)	2 615	-	-	13	345	2 324	-	
Cherokee	61	(D)	(D)	-	-	64	1 722	11 625	-	
Chickasaw	78	2 656	14 302	-	-	54	2 277	14 018	-	
Clarke	4	414	1 943	-	-	4	(D)	(D)	-	
Clay	19	1 155	7 384	-	-	27	1 058	8 388	-	
Clayton	337	15 788	99 343	-	-	323	13 068	80 859	-	
Clinton	73	2 726	19 995	-	-	83	2 693	19 971	-	
Crawford	24	(D)	4 872	-	-	53	2 039	12 283	-	
Dallas	8	(D)	2 147	-	-	17	847	5 771	-	
Davis	21	852	3 093	-	-	29	1 565	8 740	-	
Decatur	12	1 647	7 948	-	-	20	1 778	7 547	-	
Delaware	237	9 097	66 091	-	-	247	8 094	63 495	-	
Des Moines	18	589	2 496	-	-	19	595	3 392	-	
Dickinson	16	892	4 403	-	-	22	946	5 947	-	
Dubuque	392	18 745	137 373	-	-	374	13 584	107 113	-	
Emmet	14	824	5 690	-	-	17	411	3 503	-	
Fayette	193	(D)	(D)	-	-	211	7 628	55 453	-	
Floyd	33	1 493	10 193	-	-	34	1 021	7 161	1	
Franklin	26	877	5 780	-	-	41	1 225	9 405	-	
Fremont	6	(D)	(D)	-	-	7	(D)	942	-	
Greene	9	444	4 330	-	-	15	385	3 262	-	
Grundy	19	(D)	(D)	-	-	23	976	7 989	-	
Guthrie	17	994	4 687	-	-	20	848	5 051	-	
Hamilton	6	406	1 397	-	-	11	253	1 871	-	
Hancock	44	1 809	11 258	-	-	40	1 388	10 954	-	
Hardin	19	961	7 818	-	-	21	727	6 421	-	
Harrison	12	277	1 338	-	-	13	(D)	3 320	-	
Henry	11	(D)	(D)	-	-	17	(D)	3 566	-	
Howard	67	2 882	19 615	-	-	81	2 692	18 995	-	
Humboldt	13	378	2 206	-	-	14	430	3 803	-	
Ida	30	1 364	8 715	-	-	47	1 617	10 719	-	
Iowa	32	(D)	12 240	-	-	49	1 978	13 066	-	
Jackson	175	7 471	53 862	1	(D)	172	7 066	56 962	-	
Jasper	57	2 590	18 701	1	(D)	69	3 021	23 280	-	
Jefferson	26	1 170	7 105	-	-	28	1 000	6 987	1	
Johnson	75	2 122	14 786	-	-	74	1 827	14 092	-	
Jones	108	(D)	(D)	-	-	104	3 608	27 060	-	
Keokuk	15	(D)	(D)	-	-	20	(D)	6 005	-	
Kossuth	37	1 455	10 170	-	-	32	833	5 931	-	
Lee	55	1 931	10 715	-	-	52	1 484	8 531	-	
Linn	57	1 814	12 747	-	-	60	1 873	12 160	-	
Louisa	10	481	2 109	-	-	7	(D)	(D)	-	
Lucas	18	1 014	5 703	-	-	14	729	4 100	-	
Lyon	107	3 781	24 700	-	-	94	2 073	16 612	1	
Madison	19	(D)	4 100	-	-	29	2 136	12 030	-	
Mahaska	65	2 605	19 079	-	-	77	3 127	28 438	-	
Marion	38	1 597	10 365	-	-	58	3 049	22 348	-	
Marshall	19	618	3 747	-	-	20	536	4 083	-	
Mills	11	588	2 450	-	-	7	(D)	(D)	-	
Mitchell	59	2 714	13 926	-	-	58	2 227	14 018	-	
Monona	18	930	8 494	-	-	11	(D)	2 556	-	
Monroe	24	867	6 501	-	-	18	(D)	6 066	-	
Montgomery	6	228	1 517	-	-	15	(D)	3 249	-	
Muscatine	14	518	3 688	-	-	28	870	5 730	-	
O'Brien	50	1 813	10 826	-	-	54	1 236	9 944	-	
Osceola	29	1 141	5 132	-	-	28	702	4 958	-	
Page	11	(D)	(D)	-	-	25	980	8 510	-	
Palo Alto	18	568	3 312	-	-	23	867	8 303	-	
Plymouth	50	1 865	10 204	-	-	65	1 912	14 268	-	
Pocahontas	12	568	3 324	-	-	22	569	4 710	-	
Polk	9	(D)	4 204	-	-	8	206	1 608	-	
Pottawattamie	38	1 859	12 256	-	-	55	(D)	(D)	-	
Poweshiek	36	(D)	13 001	-	-	36	1 889	10 461	-	
Ringgold	15	1 075	7 185	-	-	22	(D)	9 144	-	

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)—Con.										
Counties—Con.										
Sac	33	1 204	8 227	1	(D)	41	2 035	20 111	1	(D)
Scott	29	1 339	11 079	-	-	41	(D)	(D)	-	-
Shelby	32	(D)	(D)	-	-	45	1 764	12 400	-	-
Sioux	151	5 927	43 084	-	-	159	4 825	39 302	1	(D)
Story	16	741	3 877	-	-	15	(D)	5 551	-	-
Tama	36	1 132	8 285	-	-	50	1 655	12 149	-	-
Taylor	9	(D)	(D)	-	-	14	989	4 192	-	-
Union	16	754	3 228	-	-	25	1 562	9 643	-	-
Van Buren	20	738	2 927	-	-	27	1 020	5 257	-	-
Wapello	18	682	5 379	-	-	20	1 205	8 176	-	-
Warren	24	1 154	5 915	-	-	22	839	6 917	-	-
Washington	34	(D)	5 169	-	-	39	1 185	9 252	-	-
Wayne	11	767	4 525	-	-	28	1 677	9 266	-	-
Webster	15	363	2 609	-	-	21	1 048	7 837	-	-
Winnebago	16	576	4 962	-	-	15	332	2 618	-	-
Winneshiek	330	13 630	85 006	-	-	331	13 945	88 762	-	-
Woodbury	33	2 416	16 185	-	-	50	1 828	11 491	-	-
Worth	6	239	1 915	-	-	20	928	14 514	-	-
Wright	8	367	2 392	-	-	11	485	5 936	-	-
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Iowa	7 934	205 176	3 251 394	7	110	17 412	536 645	8 290 817	28	2 364
Counties										
Adair	31	1 161	17 550	-	-	110	3 222	43 401	-	-
Adams	26	1 006	13 709	-	-	79	3 832	51 547	-	-
Allamakee	271	4 537	69 400	-	-	475	10 674	162 065	-	-
Appanoose	40	825	13 734	-	-	56	1 154	11 634	-	-
Audubon	42	1 060	16 645	-	-	147	7 068	98 669	-	-
Benton	84	3 087	57 934	-	-	202	6 122	102 078	-	-
Black Hawk	77	1 383	24 393	1	(D)	175	4 245	77 955	-	-
Boone	30	1 535	33 569	-	-	82	2 909	48 755	-	-
Bremer	152	2 366	38 990	-	-	286	4 965	81 161	-	-
Buchanan	146	2 062	35 591	-	-	268	4 983	88 229	-	-
Buena Vista	55	1 504	25 466	-	-	157	6 295	105 595	-	-
Butler	84	1 805	26 524	-	-	201	4 575	65 979	-	-
Calhoun	40	1 705	25 005	-	-	100	4 405	63 666	1	(D)
Carroll	80	3 467	50 939	-	-	278	18 170	292 351	-	-
Cass	46	1 264	20 277	-	-	146	5 466	81 452	-	-
Cedar	86	2 016	30 614	-	-	147	3 696	65 564	-	-
Cerro Gordo	40	1 197	18 619	-	-	107	2 974	50 341	-	-
Cherokee	114	2 836	41 821	-	-	301	11 213	172 382	-	-
Chickasaw	169	3 806	54 944	-	-	289	8 678	115 850	-	-
Clarke	32	767	9 031	-	-	63	2 113	18 609	-	-
Clay	49	2 576	46 944	-	-	157	7 132	115 421	-	-
Clayton	231	3 267	54 214	-	-	508	9 738	145 654	-	-
Clinton	148	4 502	66 587	-	-	285	8 513	148 864	-	-
Crawford	55	1 970	35 786	-	-	198	6 509	94 397	-	-
Dallas	33	1 620	36 336	-	-	90	3 332	52 240	-	-
Davis	82	1 331	18 061	-	-	90	2 309	28 481	-	-
Decatur	38	1 363	16 867	-	-	82	3 672	40 105	-	-
Delaware	286	5 110	80 840	-	-	524	10 658	173 581	-	-
Des Moines	60	1 603	29 552	-	-	80	2 279	41 725	1	(D)
Dickinson	54	2 113	32 259	-	-	127	6 422	98 244	-	-
Dubuque	368	6 884	99 984	1	(D)	598	12 434	194 971	1	(D)
Emmet	20	929	15 335	-	-	87	3 189	50 081	-	-
Fayette	255	4 854	81 841	-	-	492	12 749	196 233	-	-
Floyd	77	1 574	29 977	-	-	159	4 534	68 133	1	(D)
Franklin	42	1 181	23 335	-	-	144	5 348	112 151	-	-
Fremont	15	413	6 350	-	-	39	1 439	21 306	-	-
Greene	17	1 109	19 867	-	-	87	4 476	75 809	-	-
Grundy	37	1 364	28 161	-	-	89	3 284	63 690	-	-
Guthrie	28	934	17 204	-	-	110	2 994	49 606	1	(D)
Hamilton	12	946	17 090	-	-	43	2 087	35 062	-	-
Hancock	67	1 310	24 192	-	-	174	4 926	89 520	-	-
Hardin	46	1 016	16 456	-	-	125	5 183	84 961	-	-
Harrison	48	1 168	18 150	-	-	140	8 078	58 988	3	80
Henry	41	1 525	28 369	-	-	72	1 771	31 461	-	-
Howard	162	3 238	49 211	-	-	307	7 020	100 450	-	-
Humboldt	40	2 202	43 395	-	-	70	3 360	64 883	-	-
Ida	39	1 202	14 755	-	-	166	6 594	86 198	-	-
Iowa	76	2 018	30 584	-	-	149	3 836	66 990	-	-
Jackson	194	4 378	65 563	-	-	294	6 262	103 792	-	-
Jasper	57	1 941	37 067	-	-	184	5 671	92 389	-	-
Jefferson	57	1 423	15 265	-	-	82	1 843	29 223	-	-
Johnson	152	2 702	39 665	-	-	181	4 078	67 006	-	-
Jones	157	4 167	67 481	-	-	284	6 944	117 135	-	-
Keokuk	43	939	16 749	-	-	69	1 676	32 163	-	-
Kossuth	103	2 802	59 069	-	-	221	6 363	110 761	-	-
Lee	113	2 483	33 845	1	(D)	117	2 550	46 345	-	-
Linn	126	2 814	48 959	-	-	225	5 459	88 800	1	(D)
Louisa	33	656	7 329	-	-	50	1 253	24 145	-	-
Lucas	28	785	9 682	-	-	58	1 826	20 834	-	-
Lyon	184	5 684	79 413	2	(D)	477	13 956	182 893	3	85

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acr
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.										
Counties—Con.										
Madison	32	1 182	14 559	-	-	95	3 625	42 160	-	
Mahaska	64	2 178	29 372	-	-	169	4 296	75 005	-	
Marion	37	1 039	15 062	-	-	107	2 706	41 215	-	
Marshall	38	1 467	26 764	-	-	111	2 924	52 094	1	
Mills	9	388	8 465	-	-	55	2 982	39 873	-	
Mitchell	168	4 915	68 515	-	-	286	8 317	130 570	-	
Monona	60	2 084	31 127	-	-	139	7 287	108 981	2	
Monroe	38	1 051	14 055	-	-	107	3 048	33 725	-	
Montgomery	19	676	14 247	-	-	102	4 097	65 813	-	
Muscatine	67	1 847	25 777	-	-	115	3 234	56 928	-	
O'Brien	67	2 155	40 008	-	-	256	9 506	141 974	1	
Osceola	49	1 573	24 093	-	-	148	5 017	85 136	-	
Page	36	1 086	16 124	-	-	100	2 996	42 325	-	
Palo Alto	38	1 024	16 011	-	-	121	4 312	67 990	1	
Plymouth	118	2 886	41 879	-	-	401	12 818	171 286	-	
Pocahontas	36	1 831	47 768	-	-	102	3 317	55 182	-	
Polk	18	498	6 477	-	-	46	1 603	21 402	-	
Pottawattamie	85	2 859	47 725	-	-	273	10 240	160 630	2	
Poweshiek	62	1 394	23 086	-	-	113	2 865	47 125	-	
Ringgold	46	990	13 037	-	-	90	3 165	39 617	-	
Sac	54	2 928	39 347	-	-	184	10 899	184 142	-	
Scott	70	1 969	31 431	-	-	133	4 050	70 737	-	
Shelby	50	2 044	28 816	-	-	197	7 505	120 902	-	
Sioux	283	10 802	145 896	2	(D)	717	29 273	427 622	9	
Story	35	1 235	22 164	-	-	93	2 986	54 193	-	
Tama	61	1 346	26 189	-	-	157	3 948	61 966	-	
Taylor	16	390	4 300	-	-	63	1 941	24 399	-	
Union	22	603	6 844	-	-	72	2 454	30 471	-	
Van Buren	83	1 667	20 150	-	-	106	2 231	27 280	-	
Wapello	33	869	12 466	-	-	47	1 205	19 729	-	
Warren	50	1 309	22 129	-	-	102	5 584	58 817	-	
Washington	78	1 618	25 914	-	-	119	2 939	52 029	-	
Wayne	21	470	5 980	-	-	73	2 682	27 501	-	
Webster	30	773	12 501	-	-	65	2 080	31 346	-	
Winnebago	46	1 126	14 700	-	-	76	1 929	33 719	-	
Winneshiek	424	8 486	139 809	-	-	748	18 219	275 071	-	
Woodbury	70	2 798	42 136	-	-	260	9 238	133 500	-	
Worth	65	1 372	23 135	-	-	100	2 200	35 263	-	
Wright	18	761	16 792	-	-	51	2 221	41 125	-	
SORGHUM CUT FOR DRY FORAGE OR HAY (TONS, DRY)										
State Total										
Iowa	11	216	719	-	-	8	172	622	-	
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Iowa	354	7 340	102 074	-	-	259	4 388	53 849	-	
Counties										
Adair	4	(D)	(D)	-	-	3	(D)	(D)	-	
Adams	4	197	3 460	-	-	3	(D)	(D)	-	
Allamakee	11	103	1 381	-	-	4	19	(D)	-	
Appanoose	4	36	(D)	-	-	(NA)	(NA)	(NA)	(NA)	
Benton	4	56	594	-	-	4	(D)	660	-	
Buchanan	3	45	(D)	-	-	6	37	365	-	
Buena Vista	3	79	(D)	-	-	7	103	2 012	-	
Cass	3	(D)	(D)	-	-	6	126	2 195	-	
Cedar	4	73	1 310	-	-	(NA)	(NA)	(NA)	(NA)	
Cerro Gordo	3	30	246	-	-	5	(D)	1 080	-	
Cherokee	6	210	2 460	-	-	5	(D)	367	-	
Chickasaw	12	332	4 520	-	-	4	44	715	-	
Clarke	4	66	720	-	-	3	8	60	-	
Clayton	8	109	986	-	-	8	47	256	-	
Clinton	3	81	756	-	-	(NA)	(NA)	(NA)	(NA)	
Crawford	4	80	630	-	-	3	38	210	-	
Delaware	14	238	3 762	-	-	6	66	815	-	
Des Moines	6	198	2 363	-	-	(NA)	(NA)	(NA)	(NA)	
Dickinson	3	48	(D)	-	-	(NA)	(NA)	(NA)	(NA)	
Dubuque	14	177	1 794	-	-	3	(D)	(D)	-	
Emmet	3	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	
Fayette	5	57	990	-	-	3	14	(D)	-	
Floyd	3	56	768	-	-	(NA)	(NA)	(NA)	(NA)	
Guthrie	3	125	2 220	-	-	(NA)	(NA)	(NA)	(NA)	
Hardin	5	52	854	-	-	(NA)	(NA)	(NA)	(NA)	
Howard	5	55	1 103	-	-	(NA)	(NA)	(NA)	(NA)	
Ida	4	31	380	-	-	4	22	430	-	
Iowa	3	139	(D)	-	-	4	(D)	1 751	-	
Jackson	8	179	2 116	-	-	3	(D)	450	-	
Jasper	7	82	1 192	-	-	6	(D)	1 210	-	

Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.										
Counties—Con.										
Jefferson	3	61	1 080	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	7	223	2 368	-	-	4	(D)	475	-	-
Keokuk	4	66	630	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kossuth	4	87	1 415	-	-	4	(D)	700	-	-
Linn	5	139	1 594	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas	7	178	2 380	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Lyon	9	221	4 051	-	-	4	(D)	792	-	-
Mahaska	8	173	3 432	-	-	4	(D)	659	-	-
Marion	9	156	3 202	-	-	3	(D)	(D)	-	-
Marshall	3	34	636	-	-	3	(D)	560	-	-
Monona	6	174	1 784	-	-	5	68	640	-	-
Muscatine	3	27	315	-	-	4	28	310	-	-
Palo Alto	6	136	2 348	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Plymouth	6	155	1 930	-	-	7	47	491	-	-
Poweshiek	4	59	1 080	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold	4	80	584	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sac	8	242	5 755	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux	19	581	8 111	-	-	12	(D)	2 300	-	-
Story	3	15	225	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	3	35	341	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Wapello	5	56	915	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	8	212	2 395	-	-	4	(D)	761	-	-
Winneshiek	10	79	828	-	-	3	(D)	670	-	-
Woodbury	4	65	890	-	-	8	122	1 225	-	-
All other counties	45	791	9 117	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

Table 27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)								
State Total								
Iowa	596	8 694	100	1 819	429	8 326	54	850
Counties								
Allamakee	5	34	-	-	(NA)	(NA)	(NA)	(NA)
Audubon	3	4	-	-	(NA)	(NA)	(NA)	(NA)
Benton	14	74	1	(D)	7	14	-	-
Black Hawk	20	116	2	(D)	20	101	-	-
Boone	4	(D)	-	-	7	364	-	-
Bremer	8	54	1	(D)	7	33	-	-
Buchanan	14	470	2	(D)	13	186	-	-
Buena Vista	5	11	1	(D)	(NA)	(NA)	(NA)	(NA)
Butler	9	677	-	-	8	592	-	-
Carroll	3	16	-	-	(NA)	(NA)	(NA)	(NA)
Cedar	8	35	-	-	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	11	310	3	(D)	9	386	1	(D)
Cherokee	3	6	-	-	(NA)	(NA)	(NA)	(NA)
Chickasaw	3	13	-	-	4	10	-	-
Clayton	4	7	-	-	(NA)	(NA)	(NA)	(NA)
Clinton	5	30	-	-	(NA)	(NA)	(NA)	(NA)
Crawford	3	2	-	-	(NA)	(NA)	(NA)	(NA)
Dallas	18	57	8	31	3	(D)	-	-
Davis	4	10	-	-	7	19	-	-
Decatur	3	12	1	(D)	(NA)	(NA)	(NA)	(NA)
Delaware	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Des Moines	4	(D)	1	(D)	8	46	1	(D)
Dickinson	4	11	-	-	8	30	-	-
Dubuque	6	11	-	-	12	50	-	-
Fayette	13	120	2	(D)	3	(D)	-	-
Floyd	3	(D)	-	-	3	(D)	-	-
Franklin	6	(D)	1	(D)	11	2 023	-	-
Fremont	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Greene	5	23	1	(D)	4	5	-	-
Hardin	9	191	-	-	7	267	-	-

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)—Con.								
Counties—Con.								
Harrison	6	60	-	-	6	30	-	-
Henry	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Iowa	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Jackson	4	23	-	-	5	17	-	-
Jasper	12	69	-	-	8	14	-	-
Jefferson	5	33	-	-	(NA)	(NA)	(NA)	(NA)
Johnson	20	154	5	12	10	40	2	(D
Kossuth	10	207	2	(D)	12	793	-	-
Lee	7	150	4	106	11	183	2	(D
Linn	28	439	4	45	25	235	4	2
Louisa	11	273	7	252	13	279	8	20
Lucas	4	26	-	-	(NA)	(NA)	(NA)	(NA
Lyon	9	42	-	-	6	5	2	(D
Madison	4	34	-	-	(NA)	(NA)	(NA)	(NA
Mahaska	5	53	-	-	8	33	-	
Marion	10	23	1	(D)	5	19	1	(D
Marshall	8	23	1	(D)	(NA)	(NA)	(NA)	(NA
Mills	7	22	-	-	6	17	-	
Mitchell	9	341	2	(D)	6	170	-	
Muscatine	33	1 070	19	717	29	706	17	41
O'Brien	3	3	1	(D)	(NA)	(NA)	(NA)	(N
Osceola	4	7	-	-	(NA)	(NA)	(NA)	(N
Palo Alto	3	(D)	2	(D)	(NA)	(NA)	(NA)	(N
Plymouth	5	10	-	-	(NA)	(NA)	(NA)	(N
Polk	16	289	-	-	18	585	-	
Pottawattamie	17	80	5	21	9	35	-	
Scott	20	132	6	32	16	100	4	
Story	11	54	4	5	9	27	1	(
Tama	7	25	2	(D)	(NA)	(NA)	(NA)	(N
Union	3	7	-	-	(NA)	(NA)	(NA)	(N
Van Buren	8	19	-	-	(NA)	(NA)	(NA)	(N
Wapello	6	29	1	(D)	3	12	-	
Warren	10	50	1	(D)	9	66	1	
Washington	10	318	3	13	5	9	2	
Webster	10	40	-	-	5	55	1	
Winnebago	6	127	1	(D)	4	211	-	
Winneshiek	5	9	-	-	3	4	-	
Woodbury	9	31	1	(D)	5	24	1	
Worth	4	(D)	-	-	(NA)	(NA)	(NA)	(N
All other counties	38	218	3	11	(NA)	(NA)	(NA)	(N
VEGETABLES HARVESTED (SEE TEXT)								
State Total								
Iowa	596	8 863	100	1 633	429	8 363	54	
Counties								
Allamakee	5	34	-	-	(NA)	(NA)	(NA)	
Audubon	3	4	-	-	(NA)	(NA)	(NA)	
Benton	14	72	1	(D)	7	14	-	
Black Hawk	20	133	2	(D)	20	100	-	
Boone	4	(D)	-	-	7	364	-	
Bremer	8	56	1	(D)	7	33	-	
Buchanan	14	(D)	2	(D)	13	186	-	
Buena Vista	5	11	1	(D)	(NA)	(NA)	(NA)	
Butler	9	677	-	-	8	592	-	
Carroll	3	15	-	-	(NA)	(NA)	(NA)	
Cedar	5	35	-	-	(NA)	(NA)	(NA)	
Cerro Gordo	11	312	3	(D)	9	388	1	
Cherokee	3	6	-	-	(NA)	(NA)	(NA)	
Chickasaw	3	13	-	-	4	10	-	
Clayton	4	7	-	-	(NA)	(NA)	(NA)	
Clinton	5	30	-	-	(NA)	(NA)	(NA)	
Crawford	3	2	-	-	(NA)	(NA)	(NA)	
Dallas	18	57	6	32	3	(D)	-	
Davis	4	9	-	-	7	19	-	
Decatur	3	14	1	(D)	(NA)	(NA)	(NA)	
Delaware	3	(D)	-	-	(NA)	(NA)	(NA)	
Des Moines	4	(D)	1	(D)	8	45	1	
Dickinson	4	11	-	-	6	30	-	
Dubuque	6	12	-	-	12	49	-	
Fayette	13	120	2	(D)	3	(D)	-	
Floyd	3	(D)	-	-	3	(D)	-	
Franklin	8	(D)	1	(D)	11	2 023	-	
Fremont	4	(D)	-	-	(NA)	(NA)	(NA)	
Greene	5	23	1	(D)	4	5	-	
Hardin	9	191	-	-	7	267	-	
Harrison	6	60	-	-	6	30	-	
Henry	3	(D)	-	-	(NA)	(NA)	(NA)	
Iowa	3	(D)	1	(D)	(NA)	(NA)	(NA)	
Jackson	4	23	-	-	5	(D)	-	
Jasper	12	69	-	-	8	14	-	
Jefferson	5	(D)	-	-	(NA)	(NA)	(NA)	
Johnson	20	154	5	12	10	39	2	
Kossuth	10	208	2	(D)	12	793	-	
Lee	7	150	4	106	11	183	2	
Linn	28	439	4	45	25	237	4	

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
VEGETABLES HARVESTED (SEE TEXT)—Con.								
Counties—Con.								
Louisa	11	273	7	252	13	298	8	228
Lucas	4	26	-	-	(NA)	(NA)	(NA)	(NA)
Lyon	9	41	-	-	6	5	2	(D)
Madison	4	34	-	-	(NA)	(NA)	(NA)	(NA)
Mahaska	5	53	-	-	8	32	-	-
Marion	10	23	1	(D)	5	18	1	(D)
Marshall	8	23	1	(D)	(NA)	(NA)	(NA)	(NA)
Mills	7	21	-	-	6	17	-	-
Mitchell	9	(D)	2	(D)	8	172	-	-
Muscatine	33	1 080	19	727	29	723	17	411
O'Brien	3	3	1	(D)	(NA)	(NA)	(NA)	(NA)
Osceola	4	7	-	-	(NA)	(NA)	(NA)	(NA)
Palo Alto	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Plymouth	5	10	-	-	(NA)	(NA)	(NA)	(NA)
Polk	16	289	-	-	18	565	-	-
Pottawattamie	17	80	5	21	9	35	-	-
Scott	20	140	8	32	16	100	4	55
Story	11	55	4	5	8	26	-	(D)
Tama	7	25	2	(D)	(NA)	(NA)	(NA)	(NA)
Union	3	7	-	-	(NA)	(NA)	(NA)	(NA)
Van Buren	8	20	-	-	(NA)	(NA)	(NA)	(NA)
Wapello	6	30	1	(D)	3	13	-	-
Warren	10	49	1	(D)	9	65	1	(D)
Washington	10	318	3	13	5	10	2	(D)
Webster	10	40	-	-	5	55	1	(D)
Winnebago	6	127	1	(D)	4	211	-	-
Winneshiek	5	9	-	-	3	4	-	-
Woodbury	9	30	1	(D)	5	24	1	(D)
Worth	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
All other counties	38	217	3	11	(NA)	(NA)	(NA)	(NA)
ASPARAGUS								
State Total								
Iowa	39	66	6	10	15	126	2	(D)
GREEN LIMA BEANS								
State Total								
Iowa	5	14	-	-	3	(Z)	2	(D)
SNAP BEANS								
State Total								
Iowa	80	104	13	10	51	34	6	6
BEETS								
State Total								
Iowa	23	6	5	3	14	3	4	3
BROCCOLI								
State Total								
Iowa	41	41	11	20	11	7	2	(D)
Counties								
Johnson	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Kossuth	6	12	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	32	28	7	16	(NA)	(NA)	(NA)	(NA)
HEAD CABBAGE								
State Total								
Iowa	57	305	13	63	46	185	6	54
Counties								
Black Hawk	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Buchanan	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Kossuth	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Linn	9	60	2	(D)	7	33	2	(D)
All other counties	39	147	9	44	(NA)	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982		
	Harvested		Irrigated		Harvested		Irrigated
	Farms	Acres	Farms	Acres	Farms	Acres	Farms
CANTALOUPS							
State Total							
Iowa	101	560	29	316	82	415	26
Counties							
Benton	3	(D)	-	-	(NA)	(NA)	(NA)
Buchanan	3	(D)	1	(D)	(NA)	(NA)	(NA)
Dallas	4	(D)	3	(D)	(NA)	(NA)	(NA)
Harrison	3	15	-	-	3	(D)	-
Johnson	3	43	2	(D)	(NA)	(NA)	(NA)
Linn	9	31	1	(D)	5	12	2
Louisa	8	50	5	(D)	7	28	6
Muscatine	18	228	11	146	16	149	11
Pottawattamie	4	(D)	1	(D)	(NA)	(NA)	(NA)
Story	3	2	-	-	3	(D)	1
All other counties	43	104	5	56	(NA)	(NA)	(NA)
CARROTS							
State Total							
Iowa	15	306	3	2	9	295	1
CAULIFLOWER							
State Total							
Iowa	31	27	6	6	10	6	1
COLLARDS							
State Total							
Iowa	4	1	1	(D)	(NA)	(NA)	(NA)
CUCUMBERS AND PICKLES							
State Total							
Iowa	62	69	15	24	40	29	8
Counties							
Black Hawk	5	2	-	-	5	1	-
Buchanan	3	(D)	1	(D)	(NA)	(NA)	(NA)
Lee	3	2	3	2	(NA)	(NA)	(NA)
Linn	8	19	1	(D)	6	7	1
Muscatine	4	5	4	5	(NA)	(NA)	(NA)
Pottawattamie	5	3	1	(D)	(NA)	(NA)	(NA)
Scott	3	(D)	-	-	(NA)	(NA)	(NA)
All other counties	31	11	5	1	(NA)	(NA)	(NA)
EGGPLANT							
State Total							
Iowa	19	11	5	(D)	12	8	3
HONEYDEW MELONS							
State Total							
Iowa	4	2	-	-	(NA)	(NA)	(NA)
KALE							
State Total							
Iowa	4	4	1	(D)	(NA)	(NA)	(NA)
LETTUCE AND ROMAINE							
State Total							
Iowa	10	3	3	(D)	4	1	1
DRY ONIONS							
State Total							
Iowa	28	108	7	28	28	183	5

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
GREEN ONIONS								
State Total								
Iowa	11	3	-	-	6	3	-	-
OKRA								
State Total								
Iowa	11	4	2	(D)	(NA)	(NA)	(NA)	(NA)
PARSLEY								
State Total								
Iowa	4	2	-	-	(NA)	(NA)	(NA)	(NA)
GREEN PEAS, EXCLUDING GREEN COWPEAS								
State Total								
Iowa	30	236	9	5	16	253	2	(D)
Counties								
Johnson	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Linn	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Mitchell	5	184	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	19	(D)	4	4	(NA)	(NA)	(NA)	(NA)
HOT PEPPERS								
State Total								
Iowa	10	6	1	(D)	6	8	2	(D)
SWEET PEPPERS								
State Total								
Iowa	70	109	23	67	40	75	4	5
Counties								
Black Hawk	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Kossuth	5	7	2	(D)	(NA)	(NA)	(NA)	(NA)
Lee	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Linn	8	12	3	(D)	6	15	1	(D)
Muscatine	4	(D)	3	(D)	6	42	3	(D)
Pottawattamie	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Scott	4	3	-	-	3	(D)	-	-
Story	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Warren	3	1	1	(D)	4	2	-	-
All other counties	34	(D)	10	44	(NA)	(NA)	(NA)	(NA)
PUMPKINS								
State Total								
Iowa	122	337	11	31	64	128	6	11
Counties								
Black Hawk	5	15	-	-	(NA)	(NA)	(NA)	(NA)
Buchanan	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Hardin	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Jasper	5	10	-	-	(NA)	(NA)	(NA)	(NA)
Lee	4	15	2	(D)	3	8	1	(D)
Linn	10	44	1	(D)	3	8	1	(D)
Marion	4	1	-	-	(NA)	(NA)	(NA)	(NA)
Mills	3	4	-	-	6	14	-	-
Muscatine	6	29	3	(D)	5	24	2	(D)
Polk	5	23	-	-	(NA)	(NA)	(NA)	(NA)
Scott	3	6	1	(D)	(NA)	(NA)	(NA)	(NA)
Washington	4	15	2	(D)	(NA)	(NA)	(NA)	(NA)
Webster	4	5	-	-	(NA)	(NA)	(NA)	(NA)
All other counties	63	115	2	(D)	(NA)	(NA)	(NA)	(NA)
RADISHES								
State Total								
Iowa	14	3	1	(D)	8	2	1	(D)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982		
	Harvested		Irrigated		Harvested		Irrigated
	Farms	Acres	Farms	Acres	Farms	Acres	Farms
SPINACH							
State Total							
Iowa	7	1	1	(D)	5	1	-
SQUASH							
State Total							
Iowa	91	158	16	28	64	97	8
Counties							
Allamakee	3	11	-	-	(NA)	(NA)	(NA)
Black Hawk	4	2	-	-	5	(D)	-
Dallas	4	3	-	-	(NA)	(NA)	(NA)
Hardin	3	(D)	-	-	(NA)	(NA)	(NA)
Johnson	3	1	-	-	(NA)	(NA)	(NA)
Linn	9	22	2	(D)	5	15	-
Muscatine	4	17	4	17	7	19	5
Washington	3	4	1	(D)	(NA)	(NA)	(NA)
All other counties	58	(D)	9	7	(NA)	(NA)	(NA)
SWEET CORN							
State Total							
Iowa	418	4 716	42	296	298	5 619	17
Counties							
Allamakee	5	17	-	-	(NA)	(NA)	(NA)
Audubon	3	4	-	-	(NA)	(NA)	(NA)
Benton	13	31	-	-	6	7	-
Black Hawk	15	87	1	(D)	17	81	-
Bremer	8	26	-	-	4	6	-
Buchanan	10	(D)	-	-	12	125	-
Buena Vista	5	7	1	(D)	(NA)	(NA)	(NA)
Butler	9	676	-	-	8	592	-
Carroll	3	(D)	-	-	(NA)	(NA)	(NA)
Cedar	3	(D)	-	-	(NA)	(NA)	(NA)
Cerro Gordo	7	21	2	(D)	6	29	-
Chickasaw	3	12	-	-	3	9	-
Clayton	4	7	-	-	(NA)	(NA)	(NA)
Dallas	9	9	-	-	3	(D)	-
Davis	4	7	-	-	7	(D)	-
Decatur	3	8	1	(D)	(NA)	(NA)	(NA)
Dickinson	4	11	-	-	5	(D)	-
Dubuque	4	6	-	-	9	20	-
Fayette	11	42	1	(D)	(NA)	(NA)	(NA)
Franklin	5	(D)	-	-	11	2 023	-
Fremont	4	7	-	-	(NA)	(NA)	(NA)
Greene	5	9	-	-	(NA)	(NA)	(NA)
Hardin	9	182	-	-	5	266	-
Harrison	3	9	-	-	5	10	-
Henry	3	(D)	-	-	(NA)	(NA)	(NA)
Jackson	3	(D)	-	-	5	11	-
Jasper	11	40	-	-	7	11	-
Jefferson	4	16	-	-	(NA)	(NA)	(NA)
Johnson	11	26	1	(D)	4	(D)	-
Kossuth	4	(D)	1	(D)	10	668	-
Lee	7	57	4	32	8	72	-
Linn	21	177	3	(D)	20	108	3
Louisa	3	(D)	1	(D)	5	9	2
Madison	3	24	-	-	(NA)	(NA)	(NA)
Mahaska	4	11	-	-	7	9	-
Marion	8	8	-	-	5	8	1
Marshall	7	15	-	-	(NA)	(NA)	(NA)
Mills	6	13	-	-	(NA)	(NA)	(NA)
Muscatine	17	237	11	194	12	125	6
Osceola	4	5	-	-	(NA)	(NA)	(NA)
Plymouth	5	6	-	-	(NA)	(NA)	(NA)
Polk	11	157	-	-	16	536	-
Pottawattamie	13	41	3	5	6	25	-
Scott	11	53	1	(D)	6	18	1
Story	10	38	1	(D)	5	12	-
Tama	4	2	2	(D)	(NA)	(NA)	(NA)
Van Buren	6	12	-	-	(NA)	(NA)	(NA)
Wapello	5	26	1	(D)	3	13	-
Warren	7	37	1	(D)	7	37	-
Washington	6	18	1	(D)	4	6	2
Webster	7	22	-	-	5	37	1
Winnebago	5	117	-	-	(NA)	(NA)	(NA)
Winneshiek	4	9	-	-	(NA)	(NA)	(NA)
Woodbury	4	15	-	-	4	14	1
All other counties	55	268	5	13	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
TOMATOES								
State Total								
Iowa	222	1 018	53	382	128	473	21	245
Counties								
Allamakee	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Benton	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Black Hawk	8	4	-	-	7	2	-	-
Buchanan	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Buena Vista	4	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Dallas	5	7	4	6	(NA)	(NA)	(NA)	(NA)
Decatur	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Delaware	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Fayette	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Greene	4	1	1	(D)	3	(D)	-	-
Harrison	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Jasper	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Johnson	5	(D)	1	(D)	4	2	1	(D)
Lee	6	5	3	4	(NA)	(NA)	(NA)	(NA)
Linn	16	26	3	(D)	9	25	2	(D)
Louisa	7	155	5	153	8	190	5	156
Mahaska	5	12	-	-	(NA)	(NA)	(NA)	(NA)
Marion	8	4	-	-	3	4	-	-
Marshall	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Mills	4	2	-	-	(NA)	(NA)	(NA)	(NA)
Muscatine	18	285	12	121	13	154	7	52
Polk	7	6	-	-	5	7	-	-
Pottawattamie	10	10	2	(D)	3	(D)	-	-
Scott	9	36	3	(D)	5	4	1	(D)
Story	4	3	3	3	5	(D)	-	-
Tama	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Van Buren	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Warren	6	3	1	(D)	8	6	-	-
Washington	3	(D)	1	(D)	4	1	-	-
All other counties	59	111	8	77	(NA)	(NA)	(NA)	(NA)
TURNIPS								
State Total								
Iowa	9	43	-	-	9	9	3	(Z)
TURNIP GREENS								
State Total								
Iowa	4	6	-	-	(NA)	(NA)	(NA)	(NA)
MIXED VEGETABLES								
State Total								
Iowa	21	57	2	(D)	8	13	2	(D)
WATERMELONS								
State Total								
Iowa	93	517	30	312	64	345	22	178
Counties								
Benton	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Harrison	5	19	-	-	3	9	-	-
Lee	5	42	2	(D)	5	45	1	(D)
Linn	6	17	1	(D)	(NA)	(NA)	(NA)	(NA)
Louisa	7	61	5	56	9	67	6	(D)
Muscatine	19	215	14	173	20	141	14	99
Polk	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Pottawattamie	5	7	1	(D)	(NA)	(NA)	(NA)	(NA)
Story	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Warren	3	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Woodbury	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	31	124	5	39	(NA)	(NA)	(NA)	(NA)
OTHER VEGETABLES								
State Total								
Iowa	14	14	3	4	7	29	1	(D)

Table 28. **Fruits and Nuts: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms
LAND IN ORCHARDS								
State Total								
Iowa 1987	508	2 740	(X)	(X)	(X)	(X)	(X)	(X)
1982	465	2 538	(X)	(X)	(X)	(X)	(X)	(X)
Counties, 1987								
Allamakee	6	8	(X)	(X)	(X)	(X)	(X)	(X)
Appanoose	6	15	(X)	(X)	(X)	(X)	(X)	(X)
Benton	8	78	(X)	(X)	(X)	(X)	(X)	(X)
Black Hawk	10	18	(X)	(X)	(X)	(X)	(X)	(X)
Boone	3	4	(X)	(X)	(X)	(X)	(X)	(X)
Buchanan	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Carroll	3	12	(X)	(X)	(X)	(X)	(X)	(X)
Cass	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Cedar	8	21	(X)	(X)	(X)	(X)	(X)	(X)
Cerro Gordo	4	9	(X)	(X)	(X)	(X)	(X)	(X)
Chickasaw	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Clay	4	13	(X)	(X)	(X)	(X)	(X)	(X)
Clayton	5	39	(X)	(X)	(X)	(X)	(X)	(X)
Clinton	10	40	(X)	(X)	(X)	(X)	(X)	(X)
Crawford	3	12	(X)	(X)	(X)	(X)	(X)	(X)
Dallas	16	63	(X)	(X)	(X)	(X)	(X)	(X)
Davis	5	5	(X)	(X)	(X)	(X)	(X)	(X)
Decatur	9	64	(X)	(X)	(X)	(X)	(X)	(X)
Delaware	5	17	(X)	(X)	(X)	(X)	(X)	(X)
Des Moines	7	13	(X)	(X)	(X)	(X)	(X)	(X)
Dickinson	4	3	(X)	(X)	(X)	(X)	(X)	(X)
Dubuque	16	50	(X)	(X)	(X)	(X)	(X)	(X)
Emmet	3	5	(X)	(X)	(X)	(X)	(X)	(X)
Fremont	4	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Guthrie	6	32	(X)	(X)	(X)	(X)	(X)	(X)
Hardin	6	54	(X)	(X)	(X)	(X)	(X)	(X)
Harrison	8	223	(X)	(X)	(X)	(X)	(X)	(X)
Henry	7	10	(X)	(X)	(X)	(X)	(X)	(X)
Iowa	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Jackson	7	42	(X)	(X)	(X)	(X)	(X)	(X)
Jasper	15	69	(X)	(X)	(X)	(X)	(X)	(X)
Jefferson	7	12	(X)	(X)	(X)	(X)	(X)	(X)
Johnson	38	149	(X)	(X)	(X)	(X)	(X)	(X)
Jones	5	10	(X)	(X)	(X)	(X)	(X)	(X)
Keokuk	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Kossuth	4	5	(X)	(X)	(X)	(X)	(X)	(X)
Lee	8	46	(X)	(X)	(X)	(X)	(X)	(X)
Linn	20	70	(X)	(X)	(X)	(X)	(X)	(X)
Louisa	5	62	(X)	(X)	(X)	(X)	(X)	(X)
Lucas	4	9	(X)	(X)	(X)	(X)	(X)	(X)
Madison	13	143	(X)	(X)	(X)	(X)	(X)	(X)
Mahaska	4	6	(X)	(X)	(X)	(X)	(X)	(X)
Marion	8	96	(X)	(X)	(X)	(X)	(X)	(X)
Marshall	4	8	(X)	(X)	(X)	(X)	(X)	(X)
Mills	6	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Monroe	3	29	(X)	(X)	(X)	(X)	(X)	(X)
Muscatine	10	29	(X)	(X)	(X)	(X)	(X)	(X)
Palo Alto	3	17	(X)	(X)	(X)	(X)	(X)	(X)
Plymouth	5	10	(X)	(X)	(X)	(X)	(X)	(X)
Polk	11	71	(X)	(X)	(X)	(X)	(X)	(X)
Pottawattamie	11	95	(X)	(X)	(X)	(X)	(X)	(X)
Poweshiek	3	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Scott	13	36	(X)	(X)	(X)	(X)	(X)	(X)
Shelby	4	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Story	11	47	(X)	(X)	(X)	(X)	(X)	(X)
Tama	8	56	(X)	(X)	(X)	(X)	(X)	(X)
Van Buren	5	22	(X)	(X)	(X)	(X)	(X)	(X)
Wapello	9	12	(X)	(X)	(X)	(X)	(X)	(X)
Warren	10	(D)	(X)	(X)	(X)	(X)	(X)	(X)
Washington	17	31	(X)	(X)	(X)	(X)	(X)	(X)
Winneshiek	7	23	(X)	(X)	(X)	(X)	(X)	(X)
Woodbury	9	23	(X)	(X)	(X)	(X)	(X)	(X)
All other counties	40	183	(X)	(X)	(X)	(X)	(X)	(X)
APPLES								
State Total								
Iowa 1987	458	2 488	240 640	294	93 047	393	147 593	292
1982	439	2 308	203 513	304	66 425	364	137 088	255
Counties, 1987								
Allamakee	4	7	(D)	2	(D)	4	225	2
Appanoose	6	13	(D)	2	(D)	6	(D)	5
Benton	8	75	(D)	4	(D)	8	1 198	[illegible]
Black Hawk	8	14	1 073	6	674	7	399	6
Boone	3	2	(D)	2	(D)	1	(D)	-
Buchanan	3	(D)	218	3	(D)	3	(D)	1
Cass	3	(D)	(D)	3	(D)	1	(D)	1
Cedar	8	19	1 997	5	(D)	7	(D)	7
Cerro Gordo	4	(D)	198	2	(D)	3	(D)	3
Chickasaw	3	(D)	(D)	3	(D)	3	(D)	2

Table 28. **Fruits and Nuts: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
APPLES—Con.									
Counties, 1987—Con.									
Clay	4	11	(D)	2	(D)	3	(D)	-	-
Clayton	5	(D)	3 209	4	(D)	4	(D)	3	52 534
Clinton	9	35	6 589	5	(D)	7	(D)	7	107 808
Crawford	3	10	1 195	3	(D)	1	(D)	-	-
Dallas	15	57	3 478	12	(D)	11	(D)	7	(D)
Davis	5	3	210	3	(D)	4	(D)	2	(D)
Decatur	9	64	3 515	3	(D)	8	(D)	6	272 400
Delaware	4	12	(D)	4	385	4	(D)	4	(D)
Des Moines	7	12	911	6	145	7	766	6	50 124
Dickinson	4	3	154	1	(D)	4	(D)	2	(D)
Dubuque	11	46	3 862	4	(D)	11	(D)	9	94 348
Emmet	3	5	296	2	(D)	3	(D)	3	(D)
Fremont	3	(D)	(D)	3	(D)	3	(D)	3	(D)
Guthrie	4	(D)	1 050	1	(D)	4	(D)	4	52 900
Hardin	6	(D)	6 506	5	1 773	5	4 733	4	138 350
Harrison	8	(D)	18 194	7	4 647	7	13 547	7	799 200
Henry	5	2	83	3	34	5	49	2	(D)
Iowa	3	(Z)	28	2	(D)	1	(D)	1	(D)
Jackson	7	41	3 516	4	(D)	5	(D)	5	224 250
Jasper	12	50	4 022	10	863	11	3 159	9	(D)
Jefferson	7	10	1 056	2	(D)	7	(D)	5	2 560
Johnson	35	123	11 289	19	4 692	32	6 597	29	543 940
Jones	4	9	(D)	1	(D)	4	(D)	4	(D)
Keokuk	3	(D)	(D)	2	(D)	3	(D)	3	(D)
Kossuth	4	3	35	4	21	4	14	3	1 240
Lee	7	39	1 395	5	246	6	1 149	6	(D)
Linn	18	65	6 310	11	1 919	17	4 391	16	798 094
Louisa	5	62	10 630	5	4 657	5	5 973	4	483 000
Lucas	4	3	261	4	(D)	2	(D)	-	-
Madison	13	137	11 014	3	(D)	12	(D)	7	332 450
Marion	6	(D)	7 574	4	3 664	6	3 910	4	(D)
Mills	5	(D)	284	4	(D)	5	(D)	5	9 540
Monroe	3	(D)	(D)	3	(D)	2	(D)	2	(D)
Muscatine	8	24	1 600	6	(D)	8	(D)	6	43 519
Palo Alto	3	17	1 565	-	-	3	1 565	3	10 200
Plymouth	5	(D)	628	2	(D)	4	(D)	3	6 540
Polk	10	69	(D)	3	(D)	10	(D)	4	(D)
Pottawattamie	11	92	(D)	3	(D)	10	(D)	9	(D)
Poweshiek	3	5	114	1	(D)	3	(D)	3	5 250
Scott	9	19	804	4	123	8	681	6	(D)
Shelby	4	(D)	(D)	3	(D)	4	(D)	2	(D)
Story	10	42	5 298	4	(D)	9	(D)	4	(D)
Tama	7	50	(D)	6	762	5	(D)	5	(D)
Van Buren	5	19	(D)	5	(D)	5	276	3	(D)
Wapello	8	9	761	8	725	3	36	3	(D)
Warren	10	(D)	(D)	6	(D)	9	(D)	6	(D)
Washington	15	23	2 042	12	492	14	1 550	8	41 445
Winneshiek	6	22	1 680	4	240	6	1 440	2	(D)
Woodbury	9	21	979	9	786	7	193	5	(D)
All other counties	44	181	12 686	35	6 829	29	5 857	15	1 304 815
APRICOTS									
State Total									
Iowa 1987	30	11	560	22	154	18	406	8	2 189
1982	39	7	282	32	119	26	163	6	327
CHERRIES, TOTAL (SEE TEXT)									
State Total									
Iowa 1987	77	29	1 882	49	1 090	63	792	41	18 728
1982	98	35	1 422	64	413	69	1 009	41	19 970
GRAPES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Iowa 1987	169	67	26 637	113	6 398	154	20 239	87	81 967
1982	100	41	15 747	78	6 782	79	8 965	43	10 247

Table 28. **Fruits and Nuts: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms
GRAPES (SEE TEXT) (FRESH WEIGHT)—Con								
Counties, 1987								
Allamakee	3	1	46	-	-	3	46	2
Appanoose	3	(D)	(D)	3	75	2	(D)	-
Clinton	3	1	(D)	1	(D)	3	(D)	2
Dallas	3	(Z)	61	3	(D)	2	(D)	-
Delaware	3	(D)	(D)	3	(D)	3	(D)	3
Dubuque	9	3	1 632	3	(D)	9	(D)	9
Henry	4	1	(D)	2	(D)	4	(D)	2
Iowa	3	(Z)	(D)	2	(D)	3	(D)	1
Jasper	5	4	1 165	4	135	5	1 030	3
Jefferson	4	1	188	1	(D)	4	(D)	4
Johnson	19	5	1 877	10	205	19	1 672	13
Kossuth	3	1	69	3	17	3	52	2
Linn	5	2	(D)	3	(D)	3	(D)	2
Madison	4	(Z)	77	1	(D)	4	(D)	-
Mills	4	(Z)	36	2	(D)	4	(D)	2
Muscatine	4	3	1 125	4	125	4	1 000	2
Polk	5	1	572	5	80	5	492	3
Scott	5	9	6 245	5	(D)	4	(D)	2
Story	4	(Z)	106	3	13	4	93	1
Tama	5	(D)	585	4	42	4	543	2
Van Buren	3	1	(D)	3	(D)	3	(D)	1
Wapello	6	1	268	4	33	6	235	4
Washington	6	2	548	4	62	6	486	4
Winneshiek	3	(D)	(D)	3	22	1	(D)	1
All other counties	53	22	8 639	37	1 634	46	7 005	22
PEACHES								
State Total								
Iowa 1987	114	41	2 609	76	631	86	1 978	48
1982	120	49	3 613	101	2 238	63	1 375	9
PEARS								
State Total								
Iowa 1987	70	19	870	45	242	51	628	33
1982	97	38	1 517	69	718	54	799	32
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)								
State Total								
Iowa 1987	50	15	760	35	273	36	487	20
1982	75	19	906	53	356	49	550	23
OTHER FRUITS AND NUTS (SEE TEXT)								
State Total								
Iowa 1987	38	40	3 247	25	1 839	31	1 408	16
1982	17	14	998	11	879	12	119	5

Table 29. **Berries Harvested for Sale: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BERRIES										
State Total										
Iowa	222	467	(X)	70	214	161	251	(X)	25	83
BLACKBERRIES (POUNDS)										
State Total										
Iowa	8	8	5 417	-	-	3	(D)	350	-	-
RASPBERRIES (POUNDS)										
State Total										
Iowa	73	60	106 923	21	20	44	22	23 855	3	(D)
STRAWBERRIES (POUNDS)										
State Total										
Iowa	188	394	999 553	63	190	135	228	747 755	23	(D)
Counties										
Black Hawk	7	(D)	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	6	3	14 135	-	-	5	(D)	385	1	(D)
Cerro Gordo	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	5	(D)	4 780	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	3	(D)	7 000	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Dallas	5	(D)	40 900	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Davis	4	2	5 800	-	-	4	1	(D)	-	-
Delaware	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin	3	(D)	18 292	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Henry	3	3	6 500	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Jasper	6	11	(D)	2	(D)	3	(D)	(D)	1	(D)
Johnson	15	15	61 220	5	(D)	7	7	15 083	-	-
Lee	5	5	11 500	2	(D)	9	(D)	58 754	-	-
Linn	6	9	(D)	2	(D)	7	6	5 441	1	(D)
Madison	4	(D)	4 100	3	5	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine	4	(D)	(D)	-	-	3	(D)	(D)	1	(D)
Pottawattamie	3	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Scott	10	34	81 757	4	23	6	(D)	127 556	3	(D)
Story	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	4	(D)	8 100	-	-	6	1	5 500	-	-
Warren	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Winneshiek	5	(D)	2 140	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	75	174	453 852	27	72	(NA)	(NA)	(NA)	(NA)	(NA)

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987 Farms	1987 Sq. ft. under glass or other protection	1987 Acres in the open	1987 Sales ($1,000)	1982 Farms	1982 Sq. ft. under glass or other protection	1982 Acres in the open
NURSERY AND GREENHOUSE CROPS (SEE TEXT)							
State Total							
Iowa	357	4 518 800	5 007	38 241	333	2 985 061	5 459
Counties							
Allamakee	4	(D)	(D)	(D)	(NA)	(NA)	(NA)
Black Hawk	11	302 600	117	2 069	10	135 860	78
Boone	6	207 966	7	(D)	6	(D)	(D)
Buchanan	3	(D)	(D)	(D)	(NA)	(NA)	(NA)
Buena Vista	3	(D)	(D)	(D)	(NA)	(NA)	(NA)
Cerro Gordo	3	(D)	(D)	(D)	4	(D)	(D)
Chickasaw	3	(D)	(D)	7	(NA)	(NA)	(NA)
Clarke	4	(D)	(D)	(D)	(NA)	(NA)	(NA)
Clayton	7	(D)	(D)	61	4	(D)	(D)
Clinton	3	(D)	-	(D)	(NA)	(NA)	(NA)
Dallas	7	(D)	(D)	819	9	(D)	(D)
Des Moines	5	(D)	(D)	(D)	3	(D)	(D)
Dickinson	8	(D)	(D)	184	5	(D)	(D)
Dubuque	8	(D)	(D)	334	8	(D)	(D)
Fayette	3	(D)	(D)	(D)	(NA)	(NA)	(NA)
Floyd	5	(D)	(D)	(D)	3	(D)	(D)
Guthrie	4	(D)	(D)	(D)	4	(D)	(D)
Hamilton	3	(D)	(D)	(D)	(NA)	(NA)	(NA)
Hardin	4	(D)	-	345	4	(D)	(D)
Harrison	3	(D)	(D)	(D)	(NA)	(NA)	(NA)
Jasper	5	(D)	(D)	44	4	(D)	(D)
Johnson	11	36 722	54	190	6	(D)	(D)
Jones	5	(D)	(D)	20	5	(D)	(D)
Lee	3	(D)	(D)	363	3	96 200	-
Linn	26	137 566	235	1 418	22	179 621	219
Lyon	3	(D)	(D)	(D)	4	(D)	(D)
Madison	3	(D)	(D)	14	(NA)	(NA)	(NA)
Mahaska	3	(D)	-	(D)	5	(D)	(D)
Marion	9	(D)	(D)	1 723	7	(D)	(D)
Marshall	8	(D)	(D)	1 249	8	(D)	(D)
Mills	4	(D)	(D)	18	4	(D)	(D)
Mitchell	3	(D)	(D)	(D)	5	-	14
Muscatine	8	37 000	75	268	4	(D)	(D)
Osceola	3	(D)	-	(D)	(NA)	(NA)	(NA)
Page	4	(D)	(D)	(D)	4	(D)	(D)
Plymouth	3	(D)	(D)	(D)	(NA)	(NA)	(NA)
Polk	23	284 856	506	2 552	24	133 080	(D)
Pottawattamie	13	436 906	43	1 775	17	191 460	92
Scott	13	(D)	(D)	1 582	16	83 150	738
Shelby	4	(D)	(D)	(D)	(NA)	(NA)	(NA)
Story	10	(D)	(D)	(D)	6	(D)	(D)
Tama	4	(D)	(D)	8	(NA)	(NA)	(NA)
Van Buren	3	(D)	(D)	(D)	(NA)	(NA)	(NA)
Wapello	4	(D)	(D)	146	5	(D)	(D)
Warren	7	(D)	(D)	188	10	(D)	(D)
Webster	8	(D)	(D)	211	3	(D)	-
Winnebago	3	(D)	(D)	(D)	4	(D)	(D)
Woodbury	6	128 000	5	554	5	(D)	(D)
All other counties	63	1 144 104	155	6 238	(NA)	(NA)	(NA)
NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)							
State Total							
Iowa	49	(X)	2 463	(X)	37	(X)	2 232
BEDDING PLANTS							
State Total							
Iowa	174	2 191 065	63	10 241	147	1 548 394	34
Counties							
Black Hawk	7	114 300	(D)	656	3	38 860	(D)
Boone	4	86 552	(D)	(D)	4	53 180	(D)
Clayton	4	(D)	-	(D)	3	2 864	-
Clinton	3	22 500	-	115	(NA)	(NA)	(NA)
Dickinson	4	(D)	(D)	(D)	(NA)	(NA)	(NA)
Dubuque	4	(D)	(D)	92	4	(D)	-
Hardin	4	(D)	-	(D)	4	(D)	(D)
Jasper	3	(D)	-	(D)	(NA)	(NA)	(NA)
Johnson	5	(D)	(D)	(D)	(NA)	(NA)	(NA)
Jones	3	(D)	(D)	(D)	(NA)	(NA)	(NA)

Table 30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
BEDDING PLANTS—Con.								
Counties—Con.								
Linn	10	61 212	(D)	140	8	(D)	-	382
Marshall	6	98 920	(D)	590	4	(D)	(D)	(D)
Muscatine	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Plymouth	3	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
Polk	7	136 344	(D)	840	4	68 980	(D)	(D)
Pottawattamie	7	289 410	(D)	1 093	9	129 960	(D)	591
Scott	6	44 530	(D)	(D)	6	72 850	(D)	228
Story	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Webster	6	23 952	-	134	3	(D)	-	(D)
Woodbury	3	99 000	-	460	3	(D)	-	(D)
All other counties	79	844 643	48	3 903	(NA)	(NA)	(NA)	(NA)
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Iowa	36	278 726	23	1 352	32	254 872	18	939
FOLIAGE AND POTTED FLOWERING PLANTS, TOTAL								
State Total								
Iowa	86	1 611 471	6	9 649	70	1 008 016	(D)	7 867
Counties								
Black Hawk	5	177 400	(D)	991	(NA)	(NA)	(NA)	(NA)
Boone	3	(D)	-	(D)	3	(D)	-	(D)
Linn	8	61 744	(D)	401	4	59 781	-	(D)
Marion	3	145 100	-	(D)	4	(D)	(D)	(D)
Marshall	3	(D)	-	(D)	4	(D)	(D)	(D)
Polk	6	(D)	-	630	5	(D)	(D)	488
Pottawattamie	5	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
Webster	3	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	50	779 337	3	4 346	(NA)	(NA)	(NA)	(NA)
FOLIAGE PLANTS								
State Total								
Iowa	34	232 247	(D)	2 310	(NA)	(NA)	(NA)	(NA)
POTTED FLOWERING PLANTS								
State Total								
Iowa	67	1 379 224	(D)	7 338	(NA)	(NA)	(NA)	(NA)
NURSERY CROPS								
State Total								
Iowa	123	308 350	3 159	13 599	130	73 847	4 036	17 978
Counties								
Black Hawk	3	(D)	(D)	(D)	5	(D)	(D)	(D)
Dallas	3	-	(D)	67	3	-	18	40
Floyd	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Guthrie	3	-	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Johnson	5	(D)	(D)	78	4	-	(D)	(D)
Linn	7	-	41	(D)	8	-	149	240
Marion	4	-	(D)	165	(NA)	(NA)	(NA)	(NA)
Muscatine	5	-	(D)	130	3	-	(D)	(D)
Polk	12	-	(D)	332	13	(D)	65	134
Pottawattamie	3	-	(D)	(D)	7	(D)	61	183
Scott	4	(D)	66	341	9	(D)	106	286
Shelby	3	-	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Story	6	(D)	124	(D)	4	-	27	(D)
Van Buren	3	-	8	(D)	(NA)	(NA)	(NA)	(NA)
Woodbury	3	-	5	14	(NA)	(NA)	(NA)	(NA)
All other counties	56	258 640	2 055	8 507	(NA)	(NA)	(NA)	(NA)
SOD HARVESTED								
State Total								
Iowa	34	(X)	1 753	2 498	41	(X)	1 311	1 342

Table 30. **Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
VEGETABLE AND FLOWER SEEDS								
State Total								
Iowa	5	2 848	(D)	6	4	(D)	-	(D)
GREENHOUSE VEGETABLES								
State Total								
Iowa	19	82 292	(X)	251	8	53 607	(X)	97

Table 31. **Other Crops: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN CUT FOR DRY FODDER, HOGGED OR GRAZED										
State Total										
Iowa	8	142	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)
OTHER										
State Total										
Iowa	21	127	(X)	-	-	5	108	(X)	-	-

Table 32. **Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982**

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold ($1,000)	Farms by value of sales					
						Occupation farming			Occupation other than farming		
	Farms	Acres	Farms	Acres		Less than $2,500	$2,500 to $9,999	$10,000 or more	Less than $2,500	$2,500 to $9,999	$10,000 or more
STATE TOTAL											
Iowa 1987	124	28 195	112	17 716	5 673	4	6	66	23	8	17
1982	158	37 955	144	28 136	10 253	2	11	90	17	20	18
COUNTIES, 1987											
Adams	3	396	3	251	57	-	-	1	2	-	
Audubon	3	122	-	-	29	-	-	1	2	-	
Benton	3	347	3	293	82	-	-	1	-	-	
Buchanan	4	1 769	4	1 599	361	-	-	3	-	-	
Buena Vista	4	950	4	700	225	-	-	2	2	-	
Clinton	3	602	3	328	115	-	-	2	-	-	
Crawford	3	1 697	2	(D)	170	-	-	3	-	-	
Lee	3	206	2	(D)	15	-	-	1	2	-	
Linn	5	1 056	5	574	172	1	-	1	-	2	
Marion	5	1 207	4	540	409	1	-	3	1	-	
Pocahontas	4	1 360	4	1 194	379	-	-	2	-	-	
Scott	3	53	3	45	10	-	-	-	1	2	
Sioux	5	722	4	425	91	-	2	1	-	-	
Tama	5	1 364	5	817	176	-	-	5	-	-	
Taylor	3	2 191	3	792	245	-	1	2	-	-	
Winneshiek	4	844	4	624	160	-	-	4	-	-	
All other counties	64	13 307	59	8 538	2 999	2	3	34	13	4	

Table 33. **Farms Operated by Black and Other Races by Tenure: 1987 and 1982**

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
STATE TOTAL									
Iowa 1987	64	7 799	4 185	25	10 127	6 250	35	10 266	7 281
1982	74	9 899	6 316	54	21 666	16 604	30	6 390	5 216
COUNTIES, 1987									
Buena Vista	-	-	-	1	(D)	(D)	3	(D)	(D)
Linn	5	1 058	574	-	-	-	-	-	-
Marion	2	(D)	(D)	3	(D)	(D)	-	-	-
Sioux	4	(D)	(D)	1	(D)	(D)	-	-	-
All other counties	53	6 312	3 514	20	8 007	4 982	32	9 939	6 971

Table 34. **Operators by Selected Racial Groups: 1987 and 1982**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of $10,000 or more[1]	
	Farms	Land in farms	Farms	Land in farms
BLACK				
State Total				
Iowa 1987	47	13 574	35	13 107
1982	93	25 450	69	23 367
Counties, 1987				
Adams	3	398	1	(D)
Buchanan	3	(D)	3	(D)
Lee	3	206	1	(D)
Pocahontas	4	1 360	4	1 360
Scott	3	53	-	-
All other counties	31	(D)	26	10 388
AMERICAN INDIAN				
State Total				
Iowa 1987	42	7 073	23	5 986
1982	46	9 451	29	8 808
Counties, 1987				
Buena Vista	3	(D)	1	(D)
Sioux	3	(D)	3	(D)
All other counties	36	6 095	19	5 018
ASIAN OR PACIFIC ISLANDER				
State Total				
Iowa 1987	15	2 426	9	2 266
1982	10	539	3	(D)
Counties, 1987				
Linn	3	(D)	1	(D)
All other counties	12	1 826	8	1 736
OTHER RACES (SEE TEXT)				
State Total				
Iowa 1987	20	5 122	16	4 999
1982	9	2 515	7	(D)

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[1] Data for 1982 exclude abnormal farms.

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Table 35. Operators of Spanish Origin: 1987 and 1982

[For classification of Spanish origin, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area		All farms: Farms	All farms: Land in farms	Farms with sales of $10,000 or more[1]: Farms	Farms with sales of $10,000 or more[1]: Land in farms
STATE TOTAL					
Iowa	1987	105	33 851	82	31 873
	1982	136	42 269	108	40 824
COUNTIES, 1987					
Buena Vista		4	1 659	4	1 659
Cherokee		3	(D)	3	(D)
Chickasaw		3	243	2	(D)
Harrison		4	1 337	2	(D)
Johnson		3	1 061	3	1 061
Marion		4	(D)	4	(D)
Monroe		3	5 746	1	(D)
Montgomery		3	162	1	(D)
Pocahontas		3	480	3	480
Pottawattamie		3	1 752	2	(D)
Sioux		7	597	6	(D)
All other counties		65	18 855	51	17 478

[1] Data for 1982 exclude abnormal farms.

Table 36. Farms With Grazing Permits: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms: Farms	Land in farms: Acres	Farms by land in farms: Less than 100 acres	100 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more	Source of permits: Forest service	Taylor grazing	Indian land	Other
Iowa	225	74 792	72	68	66	20	7	3	19	22	13	183
Allamakee	4	611	1	2	1	-	-	-	-	-	-	4
Boone	3	1 018	1	-	1	1	-	-	1	1	1	3
Buchanan	7	383	5	2	-	-	-	-	3	2	-	5
Chickasaw	5	1 270	-	4	-	1	-	-	-	-	-	5
Clayton	12	3 034	3	4	3	2	-	-	2	3	1	9
Crawford	4	2 156	1	-	-	3	-	-	-	-	-	4
Davis	4	684	-	4	-	-	-	-	-	-	-	4
Delaware	6	1 496	1	2	2	1	-	-	-	-	1	5
Dubuque	10	3 115	1	4	3	2	-	-	-	1	1	8
Fayette	8	3 009	4	1	1	-	2	-	1	-	-	7
Fremont	3	3 896	1	-	-	-	1	1	1	-	-	2
Harrison	3	181	2	1	-	-	-	-	-	-	-	3
Henry	5	1 524	2	-	1	2	-	-	-	-	-	5
Iowa	5	453	1	4	-	-	-	-	-	2	-	3
Jackson	9	1 637	4	2	3	-	-	-	-	-	-	9
Jasper	6	911	3	1	2	-	-	-	1	2	1	5
Jefferson	5	1 548	1	3	-	1	-	-	-	-	-	5
Johnson	6	443	4	1	1	-	-	-	-	-	-	6
Keokuk	3	910	2	-	-	1	-	-	-	-	-	3
Lyon	3	690	-	2	1	-	-	-	-	-	-	3
Mitchell	3	319	1	2	-	-	-	-	-	-	-	3
Page	3	399	1	1	1	-	-	-	-	-	-	3
Plymouth	6	948	2	3	1	-	-	-	2	-	-	4
Scott	4	142	3	1	-	-	-	-	-	-	-	4
Tama	5	626	3	1	1	-	-	-	1	2	1	2
Union	3	1 502	-	-	2	1	-	-	-	-	-	3
Van Buren	4	1 246	-	2	2	-	-	-	-	-	-	4
Wapello	4	1 320	-	-	4	-	-	-	-	2	2	-
Warren	5	560	3	1	1	-	-	-	2	1	1	4
Washington	5	1 476	-	2	3	-	-	-	-	-	-	5
Winneshiek	9	1 782	1	6	2	-	-	-	-	-	1	8
All other counties	63	35 331	21	12	19	5	4	2	5	6	3	55

APPENDIX A.
General Explanation

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DATA COLLECTION

Method of Enumeration

All agriculture censuses beginning with the 1969 census primarily have used mailout/mailback data collection. Direct enumeration methods, however, continue to be used for the agriculture census in Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

Mail List

The mail list for the 1987 census was comprised of individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1982 census, administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of companies having one or more establishments (or locations) producing agricultural products were obtained from the 1982 census and updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. Exhaustive record linkage, unduplication, and mathematical modeling yielded a final mail list of 4.1 million names and addresses that had a substantial probability of being a farm operation.

Report Forms

In 1987, three different report forms were used—a two-page, a four-page, and a six-page form to minimize the reporting burden, particularly for small farms and places less likely to be farms. The six-page sample form and the four-page nonsample form are the same, except sections 23 through 28 have been added to the sample form to obtain supplemental information from a sample of farms. The information collected in these sections will give the Bureau of the Census a good basis for making estimates of these data for other farms included in the census. The two-page form does not have as many questions or as much detail as the four-page and six-page forms. The four-page form has 11 regional versions and the six-page form has 13 regional versions. Both forms have different crops prelisted. Appendix D contains copies of both the two-page and six-page forms.

The six-page form was mailed to 1,104,000 addressees on the mail list, including all those expected to be large (based on expected sales or acreage) or unique (farms operated by multiestablishment companies or nonprofit organizations), all those in Alaska and Hawaii, and a sample of other addressees. The two-page form was mailed to 906,000 addressees. These were expected to be small farms or less likely to be farms. The four-page form was mailed to the remaining 2,079,000 addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of appendix C.

Initial Mailing

The report forms were mailed in mid-December 1987 to the approximately 4,089,000 individuals, businesses, and organizations on the mail list. The mail packages included a report form, a cover letter with a description of the purposes and uses of the census on the reverse side, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; Indian reservations; firms with multiple farm or ranch operations; and producers of poultry under contract, bees and honey, fish, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to vocational agriculture instructors, USDA county offices of the Agriculture Stabilization and Conservation Service, and the Cooperative Extension Service. The Guide contained descriptions and definitions of various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms.

Followup Procedures

A thank you/reminder card was mailed to those on the mail list in mid-January 1988. Five followup letters, three of which were accompanied by a report form, were sent to nonrespondents at 4-week intervals starting in mid-February and continuing until early June 1988.

Telephone calls were made to all large farms who had not responded. In addition, telephone calls were made to a sample of other nonrespondents in counties that had a response rate of less than 75 percent. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results. A description of this procedure is included in the Census Estimation section of appendix C.

DATA PROCESSING

Selected report forms were reviewed prior to keying the data. These included reports with attached correspondence and reports with remarks or no positive data on the front page.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1982 and 1987. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who reported sales or acreage above specified levels on nonsample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

MAJOR DATA CHANGES

Prior to each agriculture census, the Census Bureau reviews the content of the census forms to eliminate questions no longer needed and to identify new items necessary to meet user needs and to better describe the agricultural situation in our Nation. Data requests are solicited from farmers, farm organizations, land grant colleges and universities, State and federal agencies, and members of the Census Advisory Committee on Agricultural Statistics. Each agency and organization is asked to identify and justify its specific data needs. The following data inquiries were added to the 1987 report form:

Income from farm-related sources
Acres under the Conservation Reserve Program
Payments received for participation in federal farm programs
Grazing permits by source

Additional data on production expenses were added in 1987:

Repair and maintenance expenses
Cash rent
Property taxes paid
All other production expenses

The following separate data inquiries were eliminated from the 1987 form:

Storage capacity for petroleum products
Number of hired farm and ranch workers
Value of agricultural products sold directly to individuals for human consumption
Source of irrigation water
Tons of commercially mixed feed
Expenditures for coal, wood, and coke
Selected machinery items: automobiles, corn heads for combines, and field forage harvesters
Chinchillas
Worms
Tropical and baitfish

FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

The 1988 Farm and Ranch Irrigation Survey provides data on water use by irrigated farms and ranches. Data include: the amount of water applied by crop, method of water distribution, source of water, and energy costs for pumping water. Data from this survey will be published as volume 3, part 1.

The 1988 Agricultural Economics and Land Ownership Survey provides detailed data on debts, expenses, taxes, credits, assets, land ownership, and farm and off-farm income for farm operators. Many of these items, as well as detailed data on landlord characteristics, are being collected from the landlords of the farms involved in the survey. Data from this survey will be published as volume 3, part 2.

The 1988 Census of Horticultural Specialties covers operations growing and selling $2,000 or more of horticultural products such as greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and sod. These data will be published as volume 4.

Additional publications of the 1987 Census of Agriculture data include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, and Governmen Payments and Market Value of Agricultural Products Sold

The Agricultural Atlas of the United States presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms. This report will be published as volume 2, part 1.

The Coverage Evaluation report provides estimates of the completeness of the 1987 Census of Agriculture for the United States, geographic regions, and selected States and groups of States. Estimates with their associated sample reliability are provided for farms not on the mail list, farms classified as nonfarms, duplicate farms, and nonfarms classified as farms. This report will be published as volume 2, part 2.

The Ranking of States and Counties report ranks the leading States and counties for selected items in the 1987 census and provides comparative data from the 1982 census. This report will be published as volume 2, part 3.

A new publication on Government Payments and Market Value of Agricultural Products Sold presents 1987 data for the United States and each State. The U.S. table has a format similar to volume 1, U.S. table 52 and presents summary data by size of farm. This report will be published as volume 2, part 5.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1987 census report forms and the information sheet which accompanied these forms, see appendix D. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

Farms or farms reporting—The term "farms" or "farms reporting" in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves--------	farms--	842
	number--	28,594

Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operations. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve Program for places meeting the farm definition.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was to be reported by the grazing association and included as land in farms. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate land area of counties and States represents the total land area as determined by records and calculations as of January 1, 1988. These data are updated periodically; however, the acreages shown for 1987 are essentially the same as for 1982. Any differences between the land area for 1987 and 1982 are due to annexations and other changes affecting county boundaries.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1982 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

Value of land and buildings—Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the value the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

Harvested cropland—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

Cropland used only for pasture or grazing—This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Included also was all cropland used for rotation pasture and land in government diversion programs that were pastured. However, cropland that was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

Other cropland—This category includes cropland not harvested and not grazed which was used for cover crops, soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted in crops that were to be harvested after the census year.

Total woodland—This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, land planted for Christmas tree production, and woodland pastured. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land.

Woodland pastured—This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and therefore, was not included in woodland pastured.

Cropland in annual commodity acreage adjustment programs—This category includes land diverted or set aside under the provisions of the Federal Commodity Acreage Program. These data are for the acres of cropland taken out of production by growers of wheat, cotton, rice, corn, sorghum, barley, and oats, and devoted to conservation uses. Information was not obtained as to which crops would have been grown on the acres set aside.

Cropland in the Conservation Reserve Program (CRP)—This category includes acres of "highly erodible" cropland taken out of agricultural production and planted to protective cover crops or reforested. The CRP was established through the 1985 Food Security Act and provides for annual rental payments and shared costs of conservation practices through a 10-year contract with the USDA. Appendix B presents data on places with all their cropland enrolled in the Conservation Reserve Program and which were not counted as farms in the 1987 census.

Irrigated land—This category includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

Operator—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as the operator. If it is not clear which partner is in charge, then the senior o oldest active partner is considered the operator. Fo census purposes, the number of operators is the same as the number of farms. In some cases, the operator was no the individual named on the address label of the repor form, but another family member, a partner, or a hire manager who was actually in charge of the farm operation

Operator characteristics—All operators were aske to report place of residence, principal occupation, days o off-farm work, year in which his/her operation of the far began, age, race, sex, and Spanish origin. If race, age, se and principal occupation were not reported, they wer imputed based on information reported by farms wit similar acreage, tenure, and value of sales. No imputation were made for nonresponse to place of residence, Spanish origin, off-farm work, or year began operation. Operators of Spanish origin were tabulated by reported race.

Farm production expenses—In 1987, additional specific expense items and a category for all other far production expenses were added to the selected far production expenses collected in 1982. Consequently, w are publishing total farm production expenses in 1987. Th expenses are limited to those incurred in the operation the farm business. Expenses include the share of th expenditures provided by landlords, contractors, and par ners in the operation of the farm business. Property tax paid by landlords are excluded. Expenditures for nonfar activities; farm-related activities such as providing custo work for others, the production and harvest of fore products, and recreational services; and household expens are excluded. In 1987, as in other recent censuse operators producing crops, livestock, or poultry und contract often were unable or unwilling to estimate the co of production inputs furnished by the contractors. As consequence, extensive estimation was required for co tract producers.

Commercial fertilizer—The expense for commerc fertilizer is the amount spent on fertilizer during 19 including the cost of custom application. The cost of custom application was excluded from the 1982 and 1978 data.

Agricultural chemicals—These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including the cost of custom application. Data exclude commercial fertilizer purchased. The cost of custom application was excluded from the 1982 and 1978 data. The cost of lime was excluded from the 1987 and 1982 data, but included in 1978.

Customwork, machine hire, and rental of machinery and equipment—These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of custom application of fertilizer and chemicals was included in the 1982 and 1978 customwork data, but is included in expenditures for these items in 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Interest—In 1987, separate data were collected for interest paid on debts secured by real estate and interest paid on debts not secured by real estate. In 1982, only total interest expenses were collected.

Market value of agricultural products sold—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1987 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1987. It does not include payments received for participation in federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1987 does not necessarily represent the sales from crops harvested in 1987. Data may include sales from crops produced in earlier years and exclude some crops produced in 1987, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1987.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1987 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

Government payments—This category is limited to direct cash or generic commodity certificate (PIK) payments received by the farm operator in 1987. It includes deficiency and diversion payments; wool payments; payments from the Dairy Termination Program, the Conservation Reserve Program, other conservation programs, and all other federal farm programs under which payments were made directly to farm operators.

Other farm-related income—The 1987 report form included a new inquiry on income from farm-related sources. These data consist of gross income in 1987 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. These data are for income producing activities that are primarily a by-product or supplemental to the farm operation. They exclude income from business activities that are separate from the farm business.

Customwork and other agricultural services—This income includes gross receipts received by farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constitutes a separate business or is conducted from another location.

Rental of farmland—This income includes gross cash rent or share payments received from renting out farmland; payments received from the lease or sale of allotments for crops such as tobacco; and payments received for livestock pastured on a per-head, per-month, or per-pound basis. It excludes rental income from nonfarm property.

Sales of forest products—This income includes gross receipts from the sales of Christmas trees, standing timber, maple products, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts and sawmill businesses.

Other farm-related income sources—This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends of cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

Commodity Credit Corporations loans—This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, peanuts, rye, rice, tobacco, and honey.

Agricultural chemicals used, including fertilizer and lime—For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or limed more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

Fish and other aquacultural products—The raising of fish and other aquacultural products in captivity is included in the agriculture census. Production in salt water is considered not to be in captivity and is excluded from the census.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area.

Citrus enumeration—In the 1987 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker also was requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report the citrus again. In the 1987 census, 7 caretakers in Arizona reported 175 grove owners having 12,000 acres of citrus; the 65 caretakers in Florida reported 3,000 grove owners having 170,000 acres of citrus; and 20 caretakers in Texas reported 800 grove owners having 14,500 acres of citrus.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1987 except for citrus fruits, avocados, olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data for Florida relate to the quantity harvested in the September 1986 through July 1987 harvest season, except limes that were harvested in the April 1987 through March 1988 harvest season. The data for Texas relate to the quantity harvested in the September 1986 through May 1987 harvest season. The data for States, other than Florida and Texas, relate to the quantity harvested in the 1986-87 harvest season.

Avocados—The data for California relate to the quantity harvested in the November 1986 through November 1987 harvest season and for Florida the April 1987 through March 1988 harvest season.

Olives—The data for California relate to the quantity harvested in the September 1986 through March 1987 harvest season.

Vegetables—The data for Florida relate to the crop harvested in the September 1986 through August 1987 harvest season.

Sugarcane for sugar—The data for Florida relate to the cuttings from November 1986 through April 1987, and for Texas the cuttings from October 1986 through April 1987.

Pineapples—The data for Hawaii relate to the quantity harvested in the year ending May 31, 1987.

Coffee—The data for Hawaii relate to the 1986-87 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse crops; and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in 10ths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. An exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriat cropland items—cropland used only for pasture or grazing cropland used for cover crops, cropland on which all crops failed, or cropland idle.

Corn and sorghum hogged or grazed were to be reporte as "cropland harvested" and not as "cropland used onl for pasture or grazing." Crop residue left in fields and late hogged or grazed was not reported as cropland pasture

Quantity harvested was not obtained for crops such a vegetables; nursery and greenhouse crops; corn cut fo dry fodder, hogged or grazed; and sorghum, hogged o grazed.

Acres of land in bearing and nonbearing fruit orchards citrus or other groves, vineyards, and nut trees were to b reported as harvested cropland regardless of whether th crop was harvested or failed. However, abandoned orchard were to be reported as cropland idle, not as harveste cropland and the individual abandoned orchard crop acre were not to be reported.

Land in orchards—This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 total fruit, citrus, or nut trees, or grapevines.

Crop units of measure—The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in a unit of measure different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight, or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops is published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the region were prelisted. For other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned. Reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore, were not corrected. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

"See text" References

Items in the tables which carry the note "See text" are explained or defined in this section.

Data are based on a sample of farms—For 1987, 1982, and 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1987, the six-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. Sample sections 23 through 28 of the 1987 census forms included inquiries on production expenses, commercial fertilizer and lime, chemicals, machinery and equipment, value of land and buildings, and income from farm-related sources. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

Operators of Spanish origin—No imputation was made for those not responding to the question on Spanish origin.

Farms operated by Black and other races—This category includes Blacks, American Indians, Asian and Pacific Islanders, and all other racial groups other than White.

All other races—This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

Total sales—This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products; and crops, including nursery crops and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans are included as sold. In 1987, all farms including abnormal farms were tabulated by size based on reported sales. In 1982 and 1978, abnormal farms were included in the total sales figure, but excluded from the detailed size breakdowns. Abnormal farms include institutional farms, experimental and research farms, and Indian reservations.

Farms with sales of less than $1,000—This category includes all farms with actual sales of less than $1,000, but having the production potential for sales of $1,000 or more. These farms normally could be expected to sell $1,000 or more of agricultural products.

Net cash return from agricultural sales for the farm unit—This category is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Depreciation and the change in inventory values are excluded from expenditures. Production expenditures may be understated on part owner and tenant farms because property taxes paid by landlords are excluded. Other landlord expenditures, such as insurance or rent paid, which are not readily known to renters may also be omitted or understated. Gross sales include sales by the operator as well as the share of sales received by partners, landlords, and contractors. Consequently, the net cash return is that of the farm unit rather than the net farm income of the operator.

Other livestock and livestock products—This category includes all livestock and livestock products not listed separately.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by State average prices. The State average prices for cattle, hogs, sheep, Angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the National Agricultural Statistics Service, USDA. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the census.

Poultry hatched—This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1987, is tabulated under the column heading "Inventory" and the number of poultry hatched and placed or sold is under the heading "Sales."

Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc.—Data shown for hay represent all hay crops, including grass silage, haylage, and hay crops cut and fed green (green chop). In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Tame hay other than alfalfa, small grain, and wild hay—Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume and tame grasses.

Grapes—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds of fresh weight. The conversion used was 4 pounds fresh weight to 1 pound dry weight.

Plums and prunes—Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds of fresh weight. The conversion used was 3 pounds fresh weight to 1 pound dry weight.

Cherries—For 1987, cherries were reported as "sweet cherries," "tart cherries," or "cherries" depending on the regional form the respondent completed. On regional forms for States where cherries are an important fruit crop, "sweet cherries" and "tart cherries" were listed separately. On the other regional forms, either "cherries" were listed or could be written in. For publication purposes, "cherries, total" could be shown along with the individual breakdown of "sweet cherries," "tart cherries," or "cherries, not specified." "Cherries, not specified" is used to account for cherries where the "sweet" and "tart" breakdown was not asked or where respondents wrote in "cherries" but did not specify or code the kind of cherry. All the individual cherry items may not be shown. Data for "sweet cherries," "tart cherries," and "cherries, not specified" are not available for 1982.

Other fruits and nuts—Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1987 report form.

Land used for vegetables—Data are for the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Vegetables harvested for sale—The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown.

Nursery and greenhouse crops grown for sale—These data are a summation of the individual items reported. All of the individual items may not be shown.

Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated—Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding plants, etc., grown in the open.

Other grains—These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, dry southern peas (cowpeas), emmer and spelt, flaxseed, mixed grains, lentils, mustard seed, dry edible peas, popcorn, proso millet, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

Value of crop production—This item represents the estimated value of all crops harvested during the 1987 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained usually from publications of the National Agricultural Statistics Service, USDA. When

USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondent report forms, county extension agents, and other persons knowledgeable about specific crops.

FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS

State tables 48 through 53 present detailed 1987 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. Other tables include data classified by value of sales groups or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales— In 1987, all farms were tabulated by size based on reported sales. In 1982 and earlier censuses, abnormal farms were not tabulated based on sales size. In the tables on market value of agricultural products sold, the sales of abnormal farms in 1982 and earlier censuses were included in the total sales figure, but excluded from the detailed size categories. Abnormal farms included institutional farms, experimental and research farms, and Indian reservations. The category "farms with sales of less than $1,000" included all farms with actual sales of less than $1,000 but having the production potential for sales of $1,000 or more. These farms normally could be expected to sell $1,000 or more of agricultural products.

The sales size categories used in this report are consistent with the standard business size categories issued by Office of Management and Budget (OMB) in 1982. In State table 52, data are presented for four sales size categories between $10,000 and $49,999. This provides users with bridge data under both the OMB and the 1978 census classifications. For the 1992 census, data will be presented only for the OMB sales size categories of $10,000 to $24,999 and $25,000 to $49,999.

Abnormal farms—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, churches, schools, grazing associations, and government agencies. In 1987 and 1982, nongovernmental units such as church farms and Future Farmers of America camps were classified as abnormal farms only when 50 percent or more of their products produced and intended for human consumption were utilized by the organization.

Farms by tenure of operator—The classifications of tenure used in the 1987 census were:

Full owners, who operate only land they own.

Part owners, who operate land they own and also land they rent from others.

Tenants, who operate only land they rent from others or work on shares for others.

Farms by type of organization—All farms were classified by type of organization in the 1987 census. The classifications used were:

Individual or family (sole proprietorship), excluding partnership and corporation.

Partnership, including family partnership.

Corporation, including family corporation.

Other, cooperative, estate or trust, institutional, etc.

Corporations were subclassified by two additional characteristics into:

1. Family held
   Other than family held
2. More than 10 stockholders
   10 or less stockholders

Farms by age and principal occupation of operator—Data on age and principal occupation were requested from all operators in 1987. The principal occupation classifications used were:

Farming—The operator spent 50 percent or more of his/her worktime in 1987 in farming or ranching.

Other—The operator spent more than 50 percent of his/her worktime in 1987 in occupations other than farming or ranching.

Farms by size—All farms were classified into selected size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's.

Farms by standard industrial classification—In 1987, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity using the standard industrial classification (SIC) system. These classifications, found in the 1987 SIC Manual[1], are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

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[1] **Standard Industrial Classification Manual: 1987.** For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-003-14-2.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

Characteristics of all farms by selected SIC groupings are shown in State tables 18 and 53. The SIC groupings shown in State table 53, together with the associated products (value of sales representing 50 percent or more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

Cash grains (011)—Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, milo, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

Cotton (0131)—Cotton and cottonseed.

Tobacco (0132)—Tobacco.

Sugarcane, sugar beets, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)—Sugarcane, sugar beets, Irish potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweetpotatoes, timothy, and yams.

Vegetables and melons (016)—Vegetables and melons grown in the open.

Fruits and tree nuts (017)—Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

Horticultural specialties (018)—Bedding plants, bulbs, florists' greens, flower and vegetable seeds, flowers, foliage, fruit stocks, nursery stock, ornamental plants, shrubberies, sod, mushrooms, and vegetables grown under cover.

General farms, primarily crops (019)—Crops, including horticultural specialties, but less than 50 percent of sales from any single three-digit industry group.

Livestock, except dairy, poultry, and animal specialties (021)—Cattle, calves, hogs, sheep, goats, goat's milk, mohair, and wool.

Beef cattle, except feedlots (0212)—Production or feeding of beef cattle, except feedlots.

Dairy farms (024)—Production of cows' milk and other dairy products and raising of dairy heifer replacements.

Poultry and eggs (025)—Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

Animal specialties (027)—Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity except fish hatcheries, worms, and laboratory animals.

General farms, primarily livestock and animal specialties (029)— Livestock and animal specialties and their products, but less than 50 percent of sales from any single three-digit industry group.

The SIC manual was revised for 1987. Animal aquaculture (0273) was established as a new industry and horticultural specialties, not elsewhere classified (0189) was deleted.

APPENDIX B.
Places With All Cropland in the Conservation Reserve Program

The Food Security Act of 1985 established the Conservation Reserve Program (CRP). This program provides annual payments for highly erodible cropland enrolled in the program and meeting its conservation requirements. It also requires that the land be taken out of agricultural production for 10 years.

The 1987 Census of Agriculture includes Conservation Reserve acreage as land in farms on operations that meet the census farm definition. For census purposes, a farm is any place from which agricultural products of $1,000 or more were produced and sold or normally would have been sold during the census year. Operations which placed all of their cropland in the CRP and did not otherwise meet the farm definition based upon sales, livestock inventories, planted crops, or other criteria for potential sales were not included as farms in the census tabulations.

The following table provides CRP data for places not meeting the census farm definition ("whole farm" CRP places). It also contains separate but corresponding CRP data for farms included in the census tabulations. In addition to State data, detailed county data are presented for counties with three or more"whole farm" CRP places reported. For counties with less than three "whole farm" CRP places reported, their data are combined and reported in "all other counties."

The data for "whole farm" CRP places are not complete for all counties. The census mail list was developed from sources which indicated the farm had agricultural production activity. It was not designed to cover all "whole farm" CRP places. Therefore, the data for these places are limited to what was reported in the census and have not been adjusted to account for nonresponse, incomplete coverage, and reporting errors.

Land in Conservation Reserve Program: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Agricultural places excluded by farm definition with acres in the CRP			Farms with acres in the CRP		
	Number	Land in places (acres)	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
Iowa	**1 877**	**227 024**	**162 714**	**8 050**	**3 643 158**	**697 896**
Adair	20	3 129	2 374	86	43 619	9 058
Adams	18	2 920	1 835	118	48 015	15 191
Allamakee	30	5 391	3 014	135	50 592	13 410
Appanoose	15	1 984	1 592	117	48 528	8 099
Audubon	32	3 891	3 226	109	47 120	13 238
Benton	8	785	540	50	18 835	3 168
Black Hawk	9	1 497	1 020	22	8 952	1 154
Boone	8	693	241	54	28 927	2 765
Bremer	14	952	664	50	13 221	1 820
Buchanan	8	789	328	37	9 746	1 369
Buena Vista	7	580	290	58	25 354	2 137
Butler	23	2 267	1 635	104	38 112	7 125
Calhoun	5	1 343	1 335	43	17 435	1 639
Carroll	3	365	313	39	20 435	4 372
Cass	13	1 538	1 247	64	35 726	6 495
Cedar	14	1 744	1 296	53	28 334	5 572
Cerro Gordo	24	2 245	1 829	77	37 862	4 482
Cherokee	6	308	236	34	17 428	2 425
Chickasaw	25	2 070	1 411	105	34 342	7 711
Clarke	14	1 968	1 178	118	61 656	12 782
Clay	13	1 244	1 107	84	42 622	4 859
Clayton	56	8 542	5 191	189	65 934	17 804
Clinton	32	3 633	2 781	93	34 355	8 042
Crawford	9	1 013	943	82	45 365	13 043
Dallas	28	2 593	1 762	94	39 267	5 026
Davis	35	4 012	2 854	124	65 250	16 624
Decatur	30	4 346	2 710	118	58 772	12 940
Delaware	11	1 530	630	73	26 057	4 644
Des Moines	6	839	362	41	22 442	3 042
Dickinson	23	2 097	1 824	93	38 922	4 986
Dubuque	32	4 313	3 343	88	23 155	6 240
Emmet	10	1 238	1 088	62	29 171	4 343
Fayette	29	3 060	1 885	119	40 596	9 331
Floyd	23	1 885	1 421	118	54 263	6 964
Franklin	13	2 006	1 850	80	40 591	4 458
Fremont	13	2 345	1 857	49	32 925	5 284
Greene	7	364	278	46	27 379	2 101
Guthrie	31	4 434	3 317	102	45 570	11 972
Hamilton	11	1 319	1 004	56	33 528	2 521
Hancock	9	766	739	87	37 207	4 365
Hardin	7	408	281	49	24 813	3 134
Harrison	17	2 602	1 780	64	33 164	5 189
Henry	18	1 610	808	55	18 533	3 704
Howard	34	3 555	3 173	150	59 099	12 476
Ida	7	563	470	44	22 338	4 420
Iowa	25	2 350	1 923	101	49 177	9 333
Jackson	35	6 057	3 858	114	38 666	10 403
Jasp	22	2 507	1 945	119	50 061	8 784

Land in Conservation Reserve Program: 1987 – Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Agricultural places excluded by farm definition with acres in the CRP			Farms with acres in the CRP		
	Number	Land in places (acres)	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
Jefferson	25	3 304	2 229	60	20 978	4 40
Johnson	16	1 017	755	54	19 572	4 20
Jones	22	3 157	2 258	72	31 719	8 25
Keokuk	32	2 700	1 896	126	56 425	12 05
Kossuth	26	2 501	2 387	106	61 011	4 85
Lee	12	937	426	56	23 524	3 65
Linn	17	1 831	1 303	65	29 387	3 68
Louisa	8	1 093	682	28	11 532	2 09
Lucas	22	2 334	1 497	111	53 975	9 87
Lyon	5	331	320	48	25 141	(D
Madison	24	2 981	1 813	97	47 479	7 51
Mahaska	32	3 693	2 724	116	46 035	9 06
Marion	41	4 829	3 250	111	44 512	10 89
Marshall	36	4 140	3 368	136	63 763	14 53
Mills	19	1 836	1 240	31	15 425	3 38
Mitchell	14	763	639	110	44 956	6 38
Monona	15	1 968	1 470	67	49 910	8 29
Monroe	12	1 165	486	90	41 861	(D
Montgomery	14	1 984	1 452	61	29 357	5 61
Muscatine	11	1 236	534	40	16 033	1 45
O'Brien	4	145	145	29	14 626	88
Osceola	3	129	123	34	25 127	1 87
Page	26	2 192	1 622	85	36 459	6 76
Palo Alto	27	3 310	2 169	125	58 659	8 24
Plymouth	19	2 165	1 729	98	46 893	10 82
Pocahontas	3	337	337	45	22 488	2 31
Polk	17	1 629	1 205	33	12 341	1 19
Pottawattamie	19	2 325	2 005	54	29 553	4 62
Poweshiek	30	3 706	3 009	115	46 828	9 68
Ringgold	29	4 155	3 136	145	77 820	20 62
Sac	3	523	411	49	26 096	2 83
Scott	6	369	103	14	6 031	84
Shelby	5	123	121	58	25 901	4 40
Sioux	6	861	806	49	24 481	5 31
Story	11	963	565	53	26 566	2 42
Tama	18	1 892	1 498	107	43 026	8 9
Taylor	41	6 768	5 344	151	77 351	21 8
Union	24	3 355	2 451	101	59 580	13 8
Van Buren	29	4 899	2 259	114	56 440	11 6
Wapello	30	2 543	1 125	65	25 266	5 2
Warren	23	2 249	1 415	76	25 620	4 6
Washington	16	2 316	1 807	84	26 872	4 8
Wayne	26	6 556	5 100	108	86 638	22 6
Webster	5	1 161	221	35	18 662	2 0
Winnebago	36	3 885	3 430	104	46 858	7 6
Winneshiek	45	5 657	4 135	188	55 414	15 7
Woodbury	45	7 376	5 733	145	80 739	22 3
Worth	29	2 853	2 250	118	50 321	7 7
Wright	9	732	575	50	30 396	3 4
All other counties	4	336	286	24	14 006	1 1

APPENDIX C.
Statistical Methodology

Page

MAIL LIST MODEL C-1
CENSUS SAMPLE DESIGN C-1
CENSUS ESTIMATION C-1
CENSUS SAMPLING ERROR C-3
CENSUS NONSAMPLING ERROR C-5
EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE C-6

TABLES:

A. PERCENT OF STATE TOTALS CONTRIBUTED BY WHOLE FARM NONRESPONSE ESTIMATION: 1987

B. RELIABILITY ESTIMATES FOR NUMBER OF FARMS IN A COUNTY REPORTING A COMPLETE COUNT ITEM: 1987

C. RELIABILITY ESTIMATES FOR NUMBER OF FARMS IN A COUNTY REPORTING A SAMPLE ITEM: 1987

D. RELIABILITY ESTIMATES OF STATE TOTALS: 1987

E. RELIABILITY ESTIMATES OF PERCENT CHANGE IN STATE TOTALS: 1982 TO 1987

F. RELIABILITY ESTIMATES OF COUNTY TOTALS: 1987

G. STATE COVERAGE EVALUATION ESTIMATES OF FARMS NOT ON THE MAIL LIST: 1987

MAIL LIST MODEL

A statistical discriminant model was developed to predict the probability that a mail list addressee operated a farm. The model was used to identify the 4.1 million records from the preliminary census mail list of 6.0 million records that would receive a census of agriculture report form. Records from the 1982 census mail list were used to build the model. Record characteristics such as the source of the mail list record (see appendix A for a description of record sources), number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. The proportion of 1982 census farm records in each group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

Using these same group definitions, the 1987 census mail list records were separated into groups, each with an associated estimate of farm probability from the model. The 4.1 million mail list records in groups with the largest estimate of farm probability were selected to receive the census report form. A large percentage of the 1.9 million records that were dropped from the 6.0 million preliminary census mail list were nonfarm records from the previous census. This procedure was used to obtain a more complete census enumeration without excessive respondent burden and data collection cost.

CENSUS SAMPLE DESIGN

Each of the 4.1 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample census form (a four-page form), the sample form (a six-page form), and the short form (a two-page form). Sections 1 through 22 of the sample form were identical to sections on the nonsample census form. However, the sample form contained additional sections on farm production expenditures, usage of fertilizers and insecticides, value of machinery and equipment, value of land and buildings, and farm-related income. The short form contained abbreviated versions of the sections on the nonsample census form. These three different forms were used to reduce the response burden of the census, while providing quality information on a large number of data items at the county level.

The sample form was mailed to all mail list records in Alaska and Hawaii and to a sample of records in other States identified when the mail list was constructed. Addresses were selected into the sample with certainty if they were expected to have large total values of agricultural products sold or large acreage, if they were firms with two or more farms, or if they had other special characteristics. When a nonsample large farm was identified during processing, a supplemental form that contained the additional data inquiries was mailed. All farms in counties with less than 100 farms in 1982 were included in the sample with certainty; counties containing 100 to 199 farms in 1982 were systematically sampled at a rate of 1 in 2; and counties containing 200 or more farms in 1982 were systematically sampled at a rate of 1 in 6. This differential sample scheme was used to provide reliable data for sections 23 through 28 of the report form for all counties.

To determine which mail list records would receive the short form, all mail list records not designated for the sample were sorted into model groups according to farm probability as specified by the mail list model. The 906,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than $20,000 were designated to receive the short form. The remaining mail list records were selected to receive the nonsample census form.

CENSUS ESTIMATION

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items.

Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for the census farms among mail list nonrespondents that were not designated for telephone followup. A stratified systematic sample of eligible census nonrespondents were mailed a simplified report form. Five sample strata were defined based on form type, expected value of sales, and previous census status. The report form was designed to provide sufficient information to determine farm status. Additional mail and telephone contacts were made to survey nonrespondents to obtain sufficient response for survey estimates.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. A synthetic estimation procedure was used to estimate the number of census nonrespondents that operated farms for each county by stratum. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The procedure used for calculating the nonresponse weight assumed the eligible census respondents and the nonrespondent farm operations in a county had similar characteristics within each stratum. The noninteger nonresponse weight was the ratio of the sum of the estimated number of nonrespondent farms (using nonresponse survey results) and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the estimation of the final weight for the sample items. It was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items.

The procedure assumed that we obtain complete response from large and unique farm operations because these cases received intensive telephone followup during census processing. In situations where addressees could not be contacted by telephone or refused to cooperate, secondary sources such as Agricultural Stabilization and Conservation Service offices or county extension agents were asked to provide information as to whether or not the addressee had agricultural activities. Data from previous census reports for the specific addressee, in conjunction with other information, were used to complete the census report form.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentage of the census value contributed by nonresponse estimation as provided in this table indicates the potential for bias in published figures resulting from this procedure. The estimates provided in these tables do not reflect the effect of nonresponse to individual data items on respondents' census report forms. The effect of this item nonresponse is discussed further under Census Nonsampling Error.

Table A. **Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1987**

Item	Percent of total
Farms --------------------------------number--	10.9
Land in farms ----------------------------acres--	7.9
Value of land and buildings --------------$1,000--	7.6
Market value of agricultural products sold --$1,000--	5.7
Harvested cropland -----------------------acres--	7.5
Corn for grain or seed---------------------acres--	7.1
Wheat for grain--------------------------acres--	7.9
Livestock and poultry inventory:	
Cattle and calves --------------------number--	6.8
Hogs and pigs-----------------------number--	5.7
Hens and pullets of laying age ---------number--	2.2

Sample Estimation

All respondent sample records received a sample weight. The sample data estimates the actual figures that would have resulted from a complete census of the items in sections 23 through 28 of the report form. The estimates were obtained from an iterative ratio estimation procedure that resulted in the assignment of a weight to each record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing overall sample records in the county.

Each sample farm was assigned one sample weight to be used to produce estimates for all sample items. For example, if the weight given to a sample farm had the value 5, all sample data items reported by that farm would be multiplied by 5. The weight assigned a certainty farm was 1. The estimation procedure used to assign weights was performed for each county.

Within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1987 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The variable groups were as follows:

TVP	SIC	Acres
$1 to $999	01 All crops	0 to 69
$1,000 to $ 2,499	02 All livestock	70 or more
$2,500 to $ 4,999		
$5,000 to $ 9,999		
$10,000 to $24,999		
$25,000 to $49,999		
$50,000 to $99,999		
$100,000 or more		

The first step in the estimation procedure was to partiion the sample records into 32 mutually exclusive initial post strata formed by combining the three variable groups. This produced a three dimensional array where the cells of he array corresponded to the initial post strata groups. Each sample farm record was assigned an initial weight equal to the ratio of the total farm count to the sample farm count, expanded for nonresponse estimation, for the cell containing the sample farm. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the cells of the array (prior to the repeated ratio estimation) to increase the reliability of the atio estimation procedure. Any cell within the array that either contained less than 10 sample farms or had a ratio of total farms to sample farms that was more than 2 times he mail sample rate was collapsed with another cell (in the same variable) according to a specified collapsing pattern. New total farm counts and sample farm counts were computed for each of the collapsed cells (final post strata) and were used in the ratio estimation procedure to calcuate final sample weights.

In the third step in the ratio estimation procedure, complete counts for the three variables (TVP, SIC, acreage) were used to compute the marginals of the array defined by the final post strata. Factors were then applied o expanded sample totals in each cell of the array to obtain agreement with the row marginal (TVP) complete counts. The sample totals then had factors applied to obtain agreement with the column marginal (SIC) complete counts. Lastly, the sample totals had factors applied to obtain agreement with the depth marginal (acreage) complete counts. This procedure that requires the row totals, hen the column totals, and then the depth totals to agree with the complete counts for the rows, columns, and depths, respectively, is continued iteratively until the process converges (the marginal totals agree with the complete count totals).

The ratio of the adjusted total farm count to the sample farm count obtained from the second iteration of the estimation procedure was the noninteger final post stratum sample weight assigned to the sample farm records in that post stratum. The noninteger sample weight, the product of the noninteger final post stratum sample weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the farms in a particular group was 7.2, then one-fifth of the sample farms in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

CENSUS SAMPLING ERROR

Sampling error in the census data results from the nonresponse sample and the census sample data collection. Census items were classified as either complete count or sample data items. The complete count items were asked of all farm operators. The complete count data items included land in farms, harvested cropland, livestock inventory and sales, crop acreages, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics (sections 1 through 22 of the census report form). Variability in the complete count data items is considerably smaller than in the sample items as the variation is due only to the nonresponse sample estimation procedure. The sample items were asked of approximately 25 percent of the total census farm operators. The sample data items included farm production expenditures, fertilizer and chemical usage, farm machinery and equipment, value of land and buildings, and farm-related income (sections 23 through 28 of the census report form). Variability in the estimates of sample items is due both to the census sample selection and estimation procedure and the nonresponse sample estimation procedure.

The sample for the 1987 Census of Agriculture is one of a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible sample estimates is called the sampling deviation. The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of estimate is defined as the standard error of the estimate divided by the value being estimated multiplied by 100. If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.

2. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.

The computations involved to define the above confidence statements are illustrated in the following example. Assume that the estimate of number of farms for the State is 94,382 and the relative standard error of the estimate (percent) is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error. Therefore, a 67-percent confidence interval is 94,288 to 94,476 (i.e., 94,382 plus or minus 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 90 percent confidence interval is 94,227 to 94,538 (i.e., 94,382 plus or minus 1.65 x 94).

Tables B and C provide the reliability estimates of the estimated number of farms in a county reporting complete count and sample items, respectively. Both tables show the percent relative standard errors for selected estimated number of farms in a county reporting an item.These are derived from a regression equation. The parameters of the regression equation were estimated using the estimated number of farms in a county reporting the complete count or sample item as the independent variable and the standard error of that estimate as the dependent variable for all counties in the State.

Table B. **Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item: 1987**

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	7.2
50	5.0
75	4.0
100	3.5
150	2.7
200	2.3
300	1.8
500	1.2
750	.7
1,000	.2
1,500	.2
2,000	.2

Note: Complete count items are items in sections 1 to 22 of the report form.

To illustrate the use of these tables, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 12, is 89. Since hogs and pigs is a complete count data item, refer to table B and select the estimated relative standard error of the estimate from the row whose value is equal to or just less than the estimated number of farms, 89. For this example, the relative standard error of the estimate comes from the row for 75 farms reporting. For sample data items, follow the same procedure using table C. In counties that had less than 100 farms in the 1982 Census of Agriculture, table C does not apply because the farms in these counties were sampled with certainty (1 in 1), and thus, the reliability estimates for the number of farms in these counties are smaller than for counties that were sampled at lower rates (1 in 2 or 1 in 6).

Table C. **Reliability Estimates for Number of Farms in a County Reporting a Sample Item: 1987**

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	46.4
50	32.3
75	26.0
100	22.2
150	17.5
200	14.7
300	11.1
500	7.1
750	3.6
1,000	3.1
1,500	2.6
2,000	2.2

Note: Sample items are items in sections 23 to 28 of the report form.

Table D presents the relative standard error of selected State data items for all farms and for all farms with sales of $10,000 or more. The percent relative standard error of the estimate for complete count data measures the variation associated with the sample-based adjustment for whole farm nonresponse. The percent relative standard error of the estimate for sample items measures both the sampling error due to the nonresponse sample estimation procedure and the census sample selection and estimation procedure. The reliability of State estimates may vary substantially from State to State. Generally, State estimates for a given data item are less reliable than the corresponding U.S. estimate.

Table E presents the standard error (not relative standard error) for percent change in State totals from 1982 to 1987. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1987 and the 1982 estimate for that characteristic to the 1982 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table F presents the relative standard error for county totals for 10 major complete count items and 7 sample items. The relative standard error of the estimate (percent) for the same item differs among counties in a State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected by the joint effects of the sampling errors described in the previous section and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form and instructions, and to minimize processing errors through the use of quality control, verification, and check measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of certain nonsampling errors such as coverage error, classification error, and item imputation.

Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the cost and availability of resources for this enumeration place restrictions on operationally feasible data collection methodologies. The past five agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

Historically, the census of agriculture has included approximately 90 percent of the farms in the United States and over 96 percent of the agricultural production. Complete enumeration of agricultural operations satisfying the farm definition of $1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used by an operation, the number of operations in which an operator participates, the accuracy of data reporting, etc. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1987 Coverage Evaluation program will be published in volume 2, part 2.

The evaluation of coverage conducted in 1987 was designed to measure errors in the census mail list and in farm classification. Mail list error includes a measurement of farms not on the census mail list (undercount), and a measurement of farms enumerated more than once in the census (overcount). Classification error includes a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference of undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

Mail List Coverage

A major problem with the use of a mail list for the census of agriculture enumeration is the difficulties that are encountered in compiling a complete list. The percentage of farms on the census mail list varies considerably by State. Several reasons have contributed to farm operators' names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in agricultural related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list were small in both acres and sales of agricultural products.

The 1987 Census of Agriculture Coverage Evaluation used the area segment sample of the 1987 June Enumerative Survey (JES) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with the NASS to augment the JES data collection and receive survey data under the confidentiality protection afforded by Title 13, U.S. Code, from all residents of area sample segments with agricultural activity. These survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list coverage. Estimates of farms not on the census mail list used the capture-recapture dual frame estimator that will be described in the Coverage Evaluation report.

Table G provides coverage evaluation estimates of the number of farms not on the mail list and selected characteristics of those farms with their percent relative standard error. The table also provides an estimate of characteristics of farms not on the mail list as a percentage of total farms in the State. The estimate of total farms in the State is based on census farm count and the estimated number of farms not on the census mail list. This estimate of total farms in the State was not adjusted for classification and list duplication errors. Estimates of these errors will be made at the regional rather than the State level and will be available in the Coverage Evaluation report. The table provides the standard error (not relative standard error) of this percent estimate.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect enumeration of farms. This type of reporting error is measured by the Classification Error Study discussed later in this section. To reduce all types of reporting error, questions were phrased as clearly as possible based on tests of the census report form, and detailed instructions for completing the report form were provided to each addressee. In addition, each respondent's answers were checked for completeness and consistency.

Item Nonresponse

Nonresponse to particular questions on the census report that we would logically or statistically expect to be present may create a type of nonsampling error in both complete count and sample data. When information reported for another farm with similar characteristics is used to edit or impute for item nonresponse, the data may be biased because the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. Any attempt to correct the data for nonresponse may not completely reflect this difference either at the element level (individual farm operation) or on the average.

Processing Error

The many steps of processing of each census report form are sources for the introduction of nonsampling error. The processing of the census report forms includes clerical screening for farm activity, computerized check-in of report forms and followup of nonrespondents, keying and transmittal of completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

Classification Error

An evaluation study of classification errors was conducted in the 1987 Census of Agriculture as part of the census coverage evaluation program. A sample of mail list respondents was selected, and these addresses reenumerated to determine whether they were a farm or nonfarm. A farm status determination was made based on the evaluation questionnaire and compared with the status based on the data reported on the census form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. The classification error rate was higher for (1) livestock farms than crop farms, (2) farms with a small number of acres than larger farms, or (3) tenant farms than full or part-owner farms. Results from the 1987 classification error study will be published in the Coverage Evaluation report.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

For the 1987 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. Computer edits also performed a series of complex, logical checks of consistency and completeness of item responses. They provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices. The computer records were sorted by reported State and county, where the county sequence was based on similar types of farms and agricultural practices.

Each execution of the computer edit consisted of records from only one State. For a given execution of the edit, the stored entries in the various matrices were retained in the computer only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that the data were keyed correctly. Edit referrals were generated for about 30 percent of the reports included as farms, and they were also reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited. More extensive discussions of the edit and item imputation methodology with measures of the extent of imputation in the census estimates will be provided in a separate research report.

Tables D through G follow.

Table D. **Reliability Estimates of State Totals: 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Farms	number	105 180	(Z)	82 631	(Z)
Land in farms	acres	31 638 130	.1	30 158 199	.1
Average size of farm	acres	301	.1	365	.1
Value of land and buildings[1]	$1,000	29 829 901	.4	28 285 406	.4
Average per farm	dollars	283 597	.4	342 244	.4
Average per acre	dollars	947	.5	942	.6
Estimated market value of all machinery and equipment[1]	$1,000	5 543 375	.5	5 242 462	.5
Average per farm	dollars	52 844	.5	63 469	.6
Farms by size:					
1 to 9 acres	farms	7 974	.4	3 645	.6
	acres	23 461	.6	8 720	.8
10 to 49 acres	farms	10 981	.3	2 449	.8
	acres	282 586	.4	64 324	.8
50 to 179 acres	farms	27 556	.2	19 504	.2
	acres	3 240 337	.2	2 461 572	.2
180 to 499 acres	farms	39 071	.1	37 526	.1
	acres	12 216 013	.1	11 814 439	.1
500 to 999 acres	farms	15 874	.2	15 793	.2
	acres	10 707 195	.2	10 657 342	.2
1,000 to 1,999 acres	farms	3 401	(Z)	3 393	(Z)
	acres	4 290 322	(Z)	(D)	(D)
2,000 acres or more	farms	323	-	321	-
	acres	878 216	-	(D)	(D)
Total cropland	farms	96 749	(Z)	78 638	(Z)
	acres	27 290 868	.1	28 339 403	.1
Harvested cropland	farms	92 878	.1	77 374	.1
	acres	20 484 178	.1	20 043 833	.1
Acres harvested:					
1 to 9 acres	farms	4 624	.6	852	1.2
	acres	23 646	.6	3 771	1.5
10 to 49 acres	farms	12 924	.3	4 007	.6
	acres	345 545	.3	124 725	.6
50 to 99 acres	farms	13 956	.3	11 411	.3
	acres	1 016 312	.3	851 657	.3
100 to 199 acres	farms	23 454	.2	23 199	.2
	acres	3 385 193	.2	3 354 110	.2
200 to 499 acres	farms	29 005	.2	28 991	.2
	acres	9 062 600	.2	(D)	(D)
500 to 999 acres	farms	7 723	.2	7 722	.2
	acres	5 086 459	.2	(D)	(D)
1,000 acres or more	farms	1 192	-	1 192	-
	acres	1 584 423	-	1 584 423	-
Cropland used only for pasture or grazing	farms	36 766	.2	30 175	.2
	acres	2 283 547	.2	2 071 333	.3
Other cropland	farms	63 889	.1	56 787	.1
	acres	4 523 143	.1	4 224 237	.1
Irrigated land	farms	851	1.1	711	1.1
	acres	92 247	1.2	91 190	1.2
Acres irrigated:					
1 to 9 acres	farms	303	1.7	188	1.8
	acres	785	2.5	488	2.8
10 to 49 acres	farms	123	3.1	102	3.4
	acres	3 273	3.2	2 744	3.6
50 to 99 acres	farms	119	3.2	115	3.2
	acres	8 179	3.1	7 948	3.1
100 to 199 acres	farms	163	2.6	163	2.6
	acres	22 183	2.6	22 183	2.6
200 to 499 acres	farms	116	2.7	116	2.7
	acres	35 519	2.5	35 519	2.5
500 to 999 acres	farms	20	1.6	20	1.6
	acres	12 164	1.3	12 164	1.3
1,000 acres or more	farms	7	-	7	-
	acres	10 144	-	10 144	-
Market value of agricultural products sold	$1,000	8 926 799	.1	8 836 943	.1
Average per farm	dollars	84 872	.1	106 945	.1
Value of sales:					
Less than $2,500	farms	8 799	.4	-	-
	$1,000	9 626	.5	-	-
$2,500 to $4,999	farms	5 496	.5	-	-
	$1,000	20 091	.5	-	-
$5,000 to $9,999	farms	8 252	.4	-	-
	$1,000	60 139	.4	-	-
$10,000 to $24,999	farms	17 436	.3	17 436	.3
	$1,000	294 092	.3	294 092	.3
$25,000 to $49,999	farms	17 752	.3	17 752	.3
	$1,000	643 759	.3	643 759	.3
$50,000 to $99,999	farms	20 656	.2	20 656	.2
	$1,000	1 493 083	.2	1 493 083	.2
$100,000 or more	farms	26 787	.1	26 787	.1
	$1,000	6 406 010	.1	6 406 010	.1
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	83 940	.1	71 997	.1
	$1,000	3 660 117	.1	3 616 767	.1
Grains	$1,000	3 563 323	.1	3 524 735	.1
Corn for grain	$1,000	1 961 527	.1	1 939 575	.1
Wheat	$1,000	2 726	1.2	2 591	1.2
Soybeans	$1,000	1 573 168	.1	1 557 479	.1
Sorghum for grain	$1,000	477	3.0	465	3.0
Barley	$1,000	116	4.0	111	4.1
Oats	$1,000	19 604	.4	18 893	.5
Other grains	$1,000	5 705	2.0	5 621	2.0

See footnotes at end of table.

Table D. **Reliability Estimates of State Totals: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Sales by commodity or commodity group—Con.					
Crops, including nursery and greenhouse crops—Con.					
Cotton and cottonseed	$1,000	-	-	-	-
Tobacco	$1,000	-	-	-	-
Hay, silage, and field seeds	$1,000	46 480	.5	43 012	.5
Vegetables, sweet corn, and melons	$1,000	7 541	2.1	7 019	2.2
Fruits, nuts, and berries	$1,000	2 853	4.7	2 499	5.3
Nursery and greenhouse crops	$1,000	38 241	-	37 870	-
Other crops	$1,000	1 678	2.2	1 632	2.2
Livestock, poultry, and their products	farms	72 438	.1	59 370	.1
	$1,000	5 266 682	.1	5 220 176	.1
Poultry and poultry products	$1,000	192 229	.2	191 697	.2
Dairy products	$1,000	392 284	.4	391 942	.4
Cattle and calves	$1,000	2 124 641	.1	2 094 924	.1
Hogs and pigs	$1,000	2 494 231	.1	2 484 999	.1
Sheep, lambs, and wool	$1,000	46 157	.7	41 763	.7
Other livestock and livestock products (see text)	$1,000	17 139	1.5	14 851	1.7
Farms by standard industrial classification:					
Cash grains (011)	farms	50 200	.1	42 117	.1
	acres	18 137 472	.1	17 494 512	.1
Field crops, except cash grains (013)	farms	1 451	1.1	204	3.0
	acres	131 518	1.7	49 598	3.3
Vegetables and melons (016)	farms	213	2.7	79	4.0
	acres	15 931	3.5	11 845	4.2
Fruits and tree nuts (017)	farms	195	2.9	46	5.5
	acres	7 090	3.6	3 222	5.2
Horticultural specialties (018)	farms	278	-	192	-
	acres	13 229	-	10 359	-
General farms, primarily crop (019)	farms	1 039	1.2	485	1.6
	acres	231 923	1.4	192 327	1.6
Livestock, except dairy, poultry, and animal specialties (021)	farms	43 979	.1	33 596	.1
	acres	11 483 078	.1	10 886 086	.1
Dairy farms (024)	farms	4 209	.5	4 136	.5
	acres	997 836	.5	994 065	.5
Poultry and eggs (025)	farms	570	1.3	400	1.2
	acres	72 274	1.1	66 824	1.1
Animal specialties (027)	farms	1 601	1.0	209	2.8
	acres	64 967	2.2	17 573	3.8
General farms, primarily livestock and animal specialties (029)	farms	1 445	.9	1 167	1.0
	acres	482 812	.8	431 788	.9
Farms by type of organization:					
Individual or family (sole proprietorship)	farms	89 188	.1	68 845	.1
	acres	25 058 946	.1	23 749 442	.1
Partnership	farms	11 068	.3	9 349	.4
	acres	3 802 372	.3	3 671 569	.3
Corporation	farms	4 404	.5	4 095	.5
	acres	2 659 862	.3	2 630 356	.3
Other—cooperative, estate or trust, institutional, etc.	farms	500	1.7	342	2.0
	acres	116 950	1.7	106 832	1.8
Tenure of operator:					
Full owners	farms	48 226	.1	30 177	.2
	acres	7 963 226	.2	6 820 684	.2
Part owners	farms	35 207	.1	33 211	.1
	acres	17 255 971	.1	17 038 588	.1
Tenants	farms	21 747	.2	19 243	.2
	acres	6 418 933	.3	6 268 927	.3
Operators by principal occupation:					
Farming	farms	75 279	.1	67 738	.1
	acres	27 958 679	.1	27 314 409	.1
Other	farms	29 901	.2	14 893	.3
	acres	3 679 451	.3	2 843 790	.4
Operators by sex:					
Male	farms	101 838	(Z)	80 750	(Z)
	acres	31 076 208	.1	29 690 974	.1
Female	farms	3 342	.7	1 881	.9
	acres	561 922	.9	467 225	1.0
Average age of operator	years	49.3	.1	48.7	.1
Cropland under federal acreage reduction programs:					
Annual commodity acreage adjustment programs	farms	69 141	.1	64 254	.1
	acres	3 560 902	.1	3 510 310	.1
Conservation reserve program	farms	8 050	.4	6 043	.4
	acres	697 896	.5	544 228	.6
Government payments:					
Amount received in cash	$1,000	559 007	.1	548 398	.1
Value of certificates received	$1,000	594 706	.1	571 759	.1
Net cash return from agricultural sales[1]:					
Net cash return from agricultural sales for the farm unit (see text)	farms	105 184	.1	82 647	.1
	$1,000	2 146 997	.7	2 187 522	.6
Average per farm	dollars	20 412	.7	26 468	.7
Farms with net gains[2]	number	74 987	.1	67 144	.1
	$1,000	2 374 100	.5	2 358 599	.5
Farms with net losses	number	30 197	.1	15 503	.2
	$1,000	227 103	1.2	171 077	1.4
Total farm production expenses[1]	farms	105 184	.1	82 647	.1
	$1,000	6 647 645	.2	6 516 385	.2
Livestock and poultry purchased	farms	46 086	.8	40 253	.8
	$1,000	1 358 161	.6	1 346 860	.6
Feed for livestock and poultry	farms	64 752	.5	54 514	.5
	$1,000	1 101 886	.5	1 092 412	.5
Seeds, bulbs, plants, and trees	farms	88 807	.3	76 710	.2
	$1,000	308 197	.4	302 401	.4
Commercial fertilizer	farms	83 067	.3	73 196	.3
	$1,000	467 355	.5	459 606	.5

See footnotes at end of table.

Table D. **Reliability Estimates of State Totals: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Total farm production expenses—Con.					
Agricultural chemicals	farms	86 631	.3	74 725	.3
	$1,000	309 894	.6	304 487	.6
Petroleum products	farms	100 939	.2	80 999	.1
	$1,000	315 061	.4	304 536	.4
Electricity	farms	90 255	.3	75 154	.3
	$1,000	126 591	.5	120 904	.5
Hired farm labor	farms	49 121	.7	44 716	.7
	$1,000	282 515	.9	280 602	.9
Contract labor	farms	8 078	2.4	7 032	2.5
	$1,000	21 032	3.1	20 485	3.2
Repair and maintenance	farms	91 920	.3	75 830	.3
	$1,000	407 270	.5	393 118	.5
Customwork, machine hire, and rental of machinery and equipment	farms	57 354	.7	49 313	.7
	$1,000	133 395	1.3	128 322	1.4
Interest	farms	67 262	.5	58 282	.5
	$1,000	579 338	.7	561 575	.8
Cash rent	farms	41 375	.8	39 119	.8
	$1,000	492 800	1.0	489 057	1.0
Property taxes	farms	87 431	.3	67 238	.4
	$1,000	230 810	.7	212 292	.7
All other farm production expenses	farms	101 919	.2	82 616	.1
	$1,000	513 358	.6	499 729	.6
Livestock and poultry:					
Cattle and calves inventory	farms	49 469	.1	40 741	.1
	number	4 303 682	.1	4 131 811	.1
Beef cows	farms	32 279	.2	25 846	.2
	number	1 123 745	.2	1 044 065	.2
Milk cows	farms	7 748	.4	7 247	.4
	number	294 888	.4	293 185	.4
Cattle and calves sold	farms	50 509	.1	42 170	.1
	number	3 539 020	.1	3 461 601	.1
Hogs and pigs inventory	farms	36 670	.1	34 159	.1
	number	12 983 074	.1	12 895 969	.1
Hogs and pigs sold	farms	38 638	.1	35 888	.1
	number	23 483 812	.1	23 367 520	.1
Sheep and lambs inventory	farms	8 636	.4	6 046	.4
	number	451 617	.6	376 723	.6
Sheep and lambs sold	farms	8 806	.4	6 177	.4
	number	607 492	.6	546 920	.7
Hens and pullets of laying age inventory	farms	4 834	.5	3 255	.6
	number	8 212 576	.5	8 148 440	.5
Broilers and other meat-type chickens sold	farms	1 060	1.2	768	1.3
	number	666 016	10.5	582 165	12.0
Horses and ponies inventory	farms	11 647	.3	7 176	.4
	number	59 338	.6	34 375	.7
Selected crops harvested:					
Corn for grain or seed	farms	83 301	.1	74 285	.1
	acres	10 147 051	.1	9 973 381	.1
	bushels	1 274 388 346	.1	1 258 020 972	.1
Corn for silage or green chop	farms	7 934	.3	7 742	.3
	acres	205 176	.3	202 856	.3
	tons, green	3 251 394	.5	3 217 196	.5
Wheat for grain	farms	1 345	.9	1 212	.9
	acres	31 047	1.1	28 672	1.0
	bushels	1 180 360	1.1	1 113 489	1.1
Oats for grain	farms	25 398	.2	23 732	.2
	acres	544 907	.2	525 517	.2
	bushels	30 918 660	.2	30 087 002	.2
Soybeans for beans	farms	68 278	.1	62 537	.1
	acres	7 903 395	.1	7 792 894	.1
	bushels	326 081 351	.1	322 478 170	.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	48 271	.1	40 181	.1
	acres	1 968 207	.2	1 829 492	.2
	tons, dry	5 612 944	.2	5 328 103	.2

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[1] Data are based on a sample of farms.

[2] Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

Table E. **Reliability Estimates of Percent Change in State Totals: 1982 to 1987**

[For meaning of abbreviations and symbols, see introductory text]

Item		All farms		Farms with sales of $10,000 or more	
		Percent change	Standard error of estimate (percent)	Percent change	Standard error of estimate (percent)
Farms	number	-8.9	.1	-11.6	.1
Land in farms	acres	-3.0	.1	-3.9	.1
Value of land and buildings[1]:					
Average per farm	dollars	-39.8	.3	-38.8	.4
Total cropland	farms	-9.5	.1	-12.4	.1
	acres	-1.1	.1	-2.0	.1
Harvested cropland	farms	-10.4	.1	-12.8	.1
	acres	-15.1	.1	-15.4	.1
Irrigated land	farms	38.1	1.5	27.4	1.4
	acres	.9	.5	.3	1.2
Market value of agricultural products sold	farms	-8.9	.1	-11.6	.1
	$1,000	-9.2	.1	-9.2	(Z)
Crops, including nursery and greenhouse crops	farms	-9.1	.1	-11.5	.1
	$1,000	-11.7	.1	-11.8	.1
Livestock, poultry, and their products	farms	-15.4	.1	-16.8	.1
	$1,000	-7.4	.1	-7.3	.1
Poultry and poultry products	farms	-30.0	.4	-31.8	.4
	$1,000	17.2	.2	17.4	.3
Selected farm production expenses[1]:					
Livestock and poultry purchased	farms	-13.8	.9	-13.4	.9
	$1,000	-11.6	.7	-11.7	.7
Feed for livestock and poultry	farms	-17.1	.6	-16.5	.6
	$1,000	-9.3	.7	-9.0	.7
Seeds, bulbs, plants, and trees	farms	-10.1	.4	-12.2	.3
	$1,000	-1.6	.7	-2.0	.7
Commercial fertilizer[2]	farms	-4.1	.5	-6.9	.5
	$1,000	-17.0	.7	-17.5	.7
Agricultural chemicals[2]	farms	-1.2	.5	-5.5	.5
	$1,000	-6.6	.8	-7.1	.8
Hired farm labor	farms	2.6	1.1	1.6	1.1
	$1,000	27.2	1.8	28.3	1.8
Interest[3]	farms	-12.0	.6	-15.3	.6
	$1,000	-43.0	.6	-43.8	.6
Livestock and poultry inventory:					
Cattle and calves	farms	-20.7	.1	-22.1	.1
	number	-26.1	.1	-26.4	.1
Hogs and pigs	farms	-19.9	.1	-19.5	.1
	number	-9.4	.1	-9.2	.1
Hens and pullets of laying age	farms	-35.9	.3	-37.4	.4
	number	-.3	.4	.4	.5
Selected crops harvested:					
Corn for grain or seed	farms	-9.9	.1	-12.1	.1
	acres	-21.2	.1	-21.6	.1
Sorghum for grain or seed	farms	-63.0	1.2	-64.0	1.2
	acres	-67.6	.3	-68.4	.8
Wheat for grain	farms	-50.5	.5	-51.1	.5
	acres	-68.5	.3	-69.5	.3
Soybeans for beans	farms	-6.7	.1	-7.9	.1
	acres	-1.8	.1	-1.8	.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	-14.4	.1	-17.0	.1
	acres	-3.3	.2	-3.7	.2
Vegetables harvested for sale (see text)	farms	38.9	2.1	42.5	2.5
	acres	6.0	1.0	3.2	2.7
Land in orchards	farms	9.2	1.9	-2.8	2.3
	acres	8.0	2.2	3.5	4.4

[1] Data are based on a sample of farms.
[2] Data for 1987 include cost of custom applications.
[3] Data for 1982 do not include imputation for item nonresponse.

Table F. Reliability Estimates of County Totals: 1987

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average value of land and buildings per farm[1]		Estimated market value of all machinery and equipment[1]		Harvested cropland		Irrigated land	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Adair	970	.4	353 365	.7	244 037	3.5	49 068	4.9	196 940	.7	204	25.2
Adams	688	.5	243 607	1.1	172 243	4.0	25 715	6.2	115 592	1.2	-	-
Allamakee	1 062	.3	321 226	.6	182 659	3.3	57 082	7.8	140 120	.7	-	-
Appanoose	891	.4	244 661	1.0	135 171	5.1	27 244	10.3	94 539	1.4	(D)	(D)
Audubon	851	.4	268 437	.8	294 253	4.5	45 383	6.5	172 611	.9	(D)	(D)
Benton	1 434	.2	419 480	.5	322 996	3.0	79 206	4.0	301 315	.5	(D)	(D)
Black Hawk	1 269	.3	305 516	.6	257 109	3.4	65 952	4.9	223 324	.7	160	18.2
Boone	1 029	.3	336 666	.7	386 353	3.1	57 799	4.7	245 517	.7	6	5.3
Bremer	1 140	.3	235 086	.7	250 490	4.4	57 864	4.4	168 763	.7	203	17.4
Buchanan	1 332	.3	337 126	.8	279 290	3.3	67 189	4.5	236 312	.7	218	18.4
Buena Vista	1 097	.3	358 798	.6	354 375	3.7	67 354	4.2	264 594	.7	(D)	(D)
Butler	1 294	.3	328 114	.6	236 959	3.8	65 791	5.5	229 095	.6	(D)	(D)
Calhoun	992	.4	342 160	.7	408 094	3.8	60 596	5.0	263 491	.7	537	11.0
Carroll	1 319	.3	366 656	.6	305 600	3.6	66 718	5.3	270 392	.6	(D)	(D)
Cass	942	.4	333 083	.7	264 475	2.9	46 846	5.4	213 323	.7	(D)	(D)
Cedar	1 170	.3	345 483	.6	338 007	4.5	71 998	4.8	230 061	.6	(D)	(D)
Cerro Gordo	929	.3	317 974	.6	336 269	3.2	60 390	4.7	233 423	.6	352	5.4
Cherokee	1 091	.3	338 706	.6	336 905	3.8	58 070	4.5	230 141	.6	68	23.9
Chickasaw	1 054	.4	276 216	.8	228 742	4.2	53 539	4.1	187 589	.8	1 146	4.9
Clarke	697	.4	229 423	1.0	168 690	5.9	22 133	6.1	93 996	1.1	(D)	(D)
Clay	877	.3	315 558	.6	368 560	3.4	56 765	4.1	229 226	.7	276	.4
Clayton	1 705	.2	450 742	.5	238 246	3.5	98 431	3.7	240 158	.5	(D)	(D)
Clinton	1 437	.3	376 952	.6	260 515	3.5	70 612	5.5	258 502	.7	86	15.9
Crawford	1 339	.3	406 895	.7	232 297	3.5	65 387	4.1	264 366	.7	(D)	(D)
Dallas	1 081	.3	328 319	.8	361 994	4.6	62 058	7.0	223 550	.8	133	6.5
Davis	921	.5	266 999	.9	127 889	5.3	28 106	7.1	107 597	1.1	(D)	(D)
Decatur	715	.4	278 714	.8	184 389	4.7	21 353	5.9	97 184	1.2	(D)	(D)
Delaware	1 452	.2	353 940	.4	261 096	3.2	93 611	3.1	242 896	.4	(D)	(D)
Des Moines	753	.4	210 843	1.0	292 827	4.2	39 131	6.6	133 157	1.0	(D)	(D)
Dickinson	593	.4	211 002	.8	344 460	4.5	36 852	5.2	151 322	.9	(D)	(D)
Dubuque	1 689	.3	334 112	.6	215 749	5.1	88 178	4.8	206 360	.6	18	12.0
Emmet	609	.4	227 932	.8	390 667	4.2	38 260	4.7	165 963	.8	311	16.5
Fayette	1 510	.2	420 682	.5	252 587	2.9	90 036	4.1	279 159	.6	425	9.5
Floyd	985	.3	296 488	.6	269 842	3.6	53 143	4.3	215 365	.7	911	8.0
Franklin	1 012	.3	346 389	.6	355 919	4.4	76 147	5.0	251 619	.6	281	16.1
Fremont	719	.4	308 796	.7	358 252	3.8	43 556	6.5	203 010	.8	1 265	3.0
Greene	948	.4	353 283	.6	389 490	3.6	54 438	4.5	258 005	.6	599	15.6
Grundy	1 037	.3	319 657	.6	386 797	3.9	61 916	3.7	243 481	.6	-	-
Guthrie	960	.4	316 631	.9	237 917	5.0	45 574	5.2	176 254	.9	(D)	(D)
Hamilton	1 026	.3	347 353	.6	419 561	2.7	74 452	4.4	262 514	.6	(D)	(D)
Hancock	1 052	.3	347 774	.6	376 239	4.1	73 708	3.9	259 372	.6	586	4.0
Hardin	1 065	.3	337 990	.6	343 083	5.0	67 139	4.3	243 566	.6	(D)	(D)
Harrison	1 024	.4	387 190	.8	312 974	3.7	48 497	5.5	253 868	.9	15 933	3.6
Henry	893	.3	231 617	.7	274 058	3.9	47 435	4.6	138 792	.8	(D)	(D)
Howard	936	.3	269 285	.6	209 318	3.6	45 381	4.2	178 288	.7	(D)	(D)
Humboldt	754	.3	275 393	.8	395 920	3.2	53 479	4.5	214 069	.8	261	14.4
Ida	787	.5	260 103	.9	340 405	5.3	38 821	6.7	176 524	.9	-	-
Iowa	1 057	.3	329 705	.6	262 675	4.4	54 023	3.7	203 549	.7	(D)	(D)
Jackson	1 354	.3	345 612	.8	188 218	4.0	52 468	3.7	164 703	.8	30	17.3
Jasper	1 465	.3	427 196	.6	264 082	3.3	69 614	4.2	276 515	.7	(D)	(D)
Jefferson	775	.5	234 816	1.1	242 323	5.0	32 327	6.0	139 236	1.2	127	13.8
Johnson	1 356	.3	305 634	.7	254 265	3.7	68 203	4.5	198 971	.7	152	11.6
Jones	1 161	.3	322 206	.6	272 757	4.0	62 586	4.3	194 982	.7	(D)	(D)
Keokuk	1 036	.4	343 164	.7	299 094	5.3	54 470	4.2	198 455	.7	-	-
Kossuth	1 718	.2	599 153	.4	405 311	2.7	121 897	3.5	459 047	.4	450	12.0
Lee	989	.4	266 090	.8	226 981	5.8	38 831	5.5	149 934	1.0	506	18.3
Linn	1 690	.2	356 000	.6	245 298	4.8	76 811	3.6	242 679	.6	231	10.3
Louisa	634	.5	198 855	1.0	345 395	4.7	40 995	6.4	130 805	1.1	3 447	3.1
Lucas	690	.5	206 519	1.1	146 104	5.3	18 453	8.5	77 713	1.2	(D)	(D)
Lyon	1 234	.4	342 938	.8	284 406	3.8	65 086	5.1	249 352	.8	1 339	17.9
Madison	1 050	.4	293 643	.9	220 540	4.8	38 946	5.8	137 088	1.1	14	16.6
Mahaska	1 193	.3	328 093	.7	291 229	4.6	57 260	3.9	211 100	.7	(D)	(D)
Marion	1 131	.4	279 315	.9	183 063	4.2	40 245	5.5	154 503	1.0	74	19.3
Marshall	1 073	.3	330 012	.7	313 765	3.3	54 737	3.7	217 817	.7	12	10.2
Mills	641	.5	245 380	.9	278 058	3.7	36 469	7.2	169 179	1.0	771	22.0
Mitchell	939	.3	270 582	.7	259 002	4.5	51 787	4.5	192 403	.7	828	4.1
Monona	854	.4	377 030	.8	356 706	5.2	54 130	6.4	242 081	.7	25 152	2.1
Monroe	736	.6	225 145	1.2	138 810	5.7	20 373	7.6	75 582	1.7	(D)	(D)
Montgomery	701	.4	247 891	.9	236 856	4.0	36 483	7.3	160 388	1.0	(D)	(D)
Muscatine	901	.4	233 026	.9	288 612	4.1	44 195	7.0	153 624	.9	3 177	11.1
O'Brien	1 232	.3	362 209	.7	362 397	3.8	71 770	4.0	269 636	.7	8	5.6
Osceola	731	.5	230 671	.9	340 338	3.8	44 012	5.7	178 191	1.0	1 139	7.9
Page	1 015	.3	337 772	.7	211 038	4.7	42 631	5.7	202 414	.7	1 928	1.5
Palo Alto	934	.3	343 857	.6	377 878	3.9	58 826	4.0	251 951	.6	4 713	2.9
Plymouth	1 740	.3	521 469	.6	291 724	3.7	89 361	4.9	359 863	.6	1 799	10.9
Pocahontas	987	.3	349 376	.6	402 097	3.1	75 823	4.6	265 872	.6	(D)	(D)
Polk	1 001	.4	238 256	.8	314 216	4.4	48 485	5.9	169 388	.9	(D)	(D)
Pottawattamie	1 652	.3	543 881	.5	297 073	3.4	92 995	3.7	379 836	.6	1 984	3.8
Poweshiek	1 047	.4	335 448	.7	289 230	4.2	55 669	6.2	211 734	.8	(D)	(D)
Ringgold	701	.5	285 258	.8	186 298	3.5	28 419	6.8	119 721	1.0	(D)	(D)

See footnotes at end of table.

Table F. **Reliability Estimates of County Totals: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms		Land in farms		Average value of land and buildings per farm[1]		Estimated market value of all machinery and equipment[1]		Harvested cropland		Irrigated land	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Sac	1 035	.3	359 677	.6	367 000	4.5	61 003	4.6	258 981	.6	707	16.5
Scott	973	.3	230 461	.7	361 569	5.2	54 417	4.6	166 611	.7	202	4.3
Shelby	1 177	.3	351 387	.7	277 542	4.2	61 761	4.9	244 602	.8	(D)	(D)
Sioux	2 015	.3	472 363	.6	282 218	5.8	101 081	3.3	352 858	.6	8 639	3.1
Story	1 138	.3	327 081	.6	350 423	3.8	57 553	4.8	242 426	.6	307	14.7
Tama	1 404	.3	417 176	.6	286 898	3.8	78 233	4.5	274 884	.7	(D)	(D)
Taylor	774	.5	291 057	.9	160 517	3.3	27 207	6.3	141 043	1.1	-	-
Union	693	.5	233 595	1.0	185 510	4.5	21 636	7.2	101 216	1.3	(D)	(D)
Van Buren	783	.5	244 939	1.0	160 879	5.1	27 555	6.9	108 140	1.2	42	27.0
Wapello	899	.5	211 685	1.1	155 927	6.4	27 971	4.9	116 921	1.4	(D)	(D)
Warren	1 310	.4	303 783	.9	181 805	5.7	41 085	6.4	155 858	1.0	57	16.9
Washington	1 158	.3	321 504	.7	267 295	4.4	68 353	5.2	206 315	.7	48	21.5
Wayne	743	.5	281 269	.9	184 013	5.8	25 456	6.9	114 904	1.1	-	-
Webster	1 235	.3	416 623	.5	432 253	3.3	87 942	5.7	312 048	.6	(D)	(D)
Winnebago	742	.4	242 430	.8	367 438	3.7	47 026	5.0	177 414	.8	(D)	(D)
Winneshiek	1 633	.3	377 025	.7	192 457	3.8	92 465	4.0	219 642	.8	(D)	(D)
Woodbury	1 360	.3	451 759	.7	255 831	3.2	68 190	3.8	278 373	.8	4 930	7.3
Worth	667	.4	221 678	.8	317 865	3.8	44 355	5.3	157 665	.8	(D)	(D)
Wright	882	.3	344 010	.6	504 641	3.6	73 267	5.8	260 638	.6	(D)	(D)

Geographic area	Cattle and calves inventory		Hogs and pigs inventory		Corn for grain or seed		Wheat for grain		Soybeans for beans		Market value of agricultural products sold	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Adair	62 601	1.1	85 504	1.6	93 246	.8	(D)	(D)	66 704	1.0	71 079	.7
Adams	42 485	1.4	55 648	2.8	51 424	1.4	519	26.1	42 173	1.6	39 893	1.0
Allamakee	88 346	.8	113 528	1.6	61 451	.8	(D)	(D)	3 726	3.3	77 437	.7
Appanoose	50 221	2.0	16 079	3.2	26 382	1.9	115	10.5	25 860	1.9	25 508	1.4
Audubon	44 301	1.2	126 623	1.6	89 190	.9	356	17.0	65 109	1.2	80 178	.6
Benton	71 528	.7	172 273	1.0	144 170	.5	302	11.9	126 534	.8	140 932	.4
Black Hawk	24 204	1.4	162 483	1.0	120 536	.7	134	15.4	88 213	.8	99 933	.5
Boone	24 331	1.5	90 597	1.5	112 738	.7	167	7.7	122 615	.7	91 247	.5
Bremer	34 300	1.1	93 085	1.5	93 017	.8	(D)	(D)	52 860	1.0	75 029	.6
Buchanan	37 083	1.0	190 870	1.0	139 845	.7	135	12.1	71 922	1.0	109 025	.5
Buena Vista	30 112	1.1	212 076	.9	125 356	.7	(D)	(D)	130 258	.7	132 273	.4
Butler	32 356	1.1	192 796	.9	121 799	.6	220	15.1	86 141	.7	105 209	.5
Calhoun	22 434	1.2	104 890	1.6	111 282	.7	(D)	(D)	144 293	.8	98 179	.6
Carroll	84 045	.7	277 305	.9	132 252	.6	447	14.2	115 659	.7	170 623	.4
Cass	52 259	1.1	93 655	1.7	106 962	.7	505	7.6	84 078	1.0	83 023	.6
Cedar	37 738	1.2	206 391	.8	138 757	.6	297	6.8	71 248	.9	104 711	.5
Cerro Gordo	12 904	1.6	116 772	1.1	123 528	.6	(D)	(D)	98 942	.8	83 002	.5
Cherokee	61 492	.9	177 791	1.1	111 626	.6	(D)	(D)	100 873	.8	119 253	.4
Chickasaw	41 280	1.2	129 308	1.4	99 779	.8	215	26.8	59 084	1.2	85 162	.6
Clarke	41 203	1.6	39 709	3.4	37 261	1.2	162	17.2	24 717	1.7	27 280	1.2
Clay	32 833	1.1	113 582	1.1	103 766	.7	-	-	114 582	.8	93 702	.5
Clayton	111 580	.6	282 887	.8	130 350	.5	143	9.7	10 851	3.6	144 817	.4
Clinton	63 452	.9	155 812	1.1	165 946	.7	510	5.4	63 428	1.0	115 717	.5
Crawford	67 100	1.1	163 737	1.4	132 197	.7	120	17.5	98 070	1.0	111 095	.6
Dallas	23 978	1.6	62 884	1.8	108 578	.9	322	13.9	103 628	1.0	78 495	.7
Davis	39 154	1.4	45 685	3.0	40 121	1.4	589	8.5	31 948	1.7	33 396	1.2
Decatur	51 643	1.1	44 663	2.7	33 659	1.5	304	9.8	31 224	1.9	35 571	.9
Delaware	79 043	.7	456 589	.6	152 360	.5	275	9.3	26 262	1.2	167 550	.4
Des Moines	18 114	1.8	44 293	2.5	70 934	1.0	690	5.2	50 976	1.2	43 779	.9
Dickinson	25 849	1.4	62 826	1.9	67 152	.9	166	21.4	74 062	1.0	64 239	.6
Dubuque	117 453	.7	298 355	1.0	103 204	.8	104	9.2	4 133	2.7	153 085	.5
Emmet	16 380	1.5	54 902	2.4	76 262	.8	(D)	(D)	84 899	.9	56 925	.7
Fayette	78 118	.9	204 401	.9	152 228	.6	213	10.3	67 824	1.0	135 367	.5
Floyd	21 466	1.4	101 386	1.3	108 155	.7	34	13.4	93 208	.8	78 949	.6
Franklin	19 476	1.7	168 089	.9	130 089	.7	(D)	(D)	111 856	.7	110 938	.4
Fremont	24 694	1.2	51 782	2.1	87 155	.8	577	9.7	107 022	.9	67 911	.6
Greene	23 691	1.2	80 342	1.3	112 576	.7	139	19.1	139 225	.7	89 981	.5
Grundy	32 392	.8	142 762	1.0	128 793	.6	68	25.9	103 749	.7	120 898	.4
Guthrie	42 797	1.3	91 854	1.6	82 343	1.0	124	2.6	72 201	1.2	64 788	.8
Hamilton	9 014	1.9	175 422	1.0	126 152	.6	(D)	(D)	133 655	.7	133 865	.4
Hancock	18 095	1.6	153 874	1.1	128 403	.7	(D)	(D)	120 801	.7	97 752	.5
Hardin	28 548	1.6	209 335	.9	128 885	.6	-	-	105 352	.7	115 469	.4
Harrison	45 158	1.7	61 961	2.0	124 451	1.0	1 101	7.1	113 656	1.0	81 515	.7
Henry	18 256	1.7	98 895	1.3	76 628	.8	301	6.4	49 029	1.0	55 693	.6
Howard	34 299	1.1	98 541	1.2	86 835	.7	122	19.7	63 110	1.0	66 773	.6
Humboldt	19 778	1.6	95 334	1.3	96 411	.8	(D)	(D)	111 004	.9	77 786	.6
Ida	42 915	1.4	92 880	1.7	92 054	1.0	79	17.9	69 740	1.2	80 294	.7
Iowa	58 270	1.0	158 470	1.3	118 279	.7	111	8.7	48 725	1.0	91 299	.6
Jackson	105 376	.9	135 969	1.6	86 001	1.1	542	3.9	9 467	2.1	93 723	.7
Jasper	59 053	1.0	208 824	1.0	140 825	.7	65	14.4	102 143	.8	119 686	.5

See footnotes at end of table.

Table F. **Reliability Estimates of County Totals: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Cattle and calves inventory		Hogs and pigs inventory		Corn for grain or seed		Wheat for grain		Soybeans for beans		Market value of agricultural products sold	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Jefferson	24 063	1.7	77 568	1.3	63 756	1.4	1 128	5.1	54 787	1.6	44 126	.9
Johnson	44 479	1.2	201 494	1.1	108 975	.8	369	8.3	54 296	1.2	94 864	.5
Jones	71 782	1.1	196 170	.9	115 264	.8	196	5.1	40 219	1.2	109 533	.5
Keokuk	38 002	1.5	187 744	1.1	109 327	.7	616	7.2	64 470	1.0	85 338	.7
Kossuth	34 963	1.0	232 616	.9	212 709	.4	54	24.7	233 034	.5	173 436	.3
Lee	33 765	1.5	105 496	1.5	67 487	1.0	1 807	3.8	60 580	1.2	56 758	.8
Linn	46 537	1.0	127 753	1.2	124 735	.7	366	5.1	81 631	.9	92 818	.5
Louisa	13 375	2.2	66 270	2.3	72 324	1.1	716	7.7	50 482	1.4	42 271	1.0
Lucas	39 752	2.0	28 113	3.0	28 860	1.6	(D)	(D)	19 978	2.0	23 117	1.4
Lyon	69 260	1.2	200 491	1.4	117 416	.6	53	15.1	105 550	1.1	135 613	.6
Madison	47 876	1.4	71 853	2.5	58 576	1.2	120	7.8	51 363	1.4	57 338	.9
Mahaska	47 081	1.1	231 333	.9	107 872	.7	94	10.1	79 429	.6	111 789	.5
Marion	35 063	1.4	129 745	1.4	70 865	1.1	235	9.3	58 702	1.3	63 716	.8
Marshall	36 041	1.2	110 052	1.2	121 035	.8	140	17.7	81 261	.9	90 298	.5
Mills	21 503	1.5	42 997	2.1	60 324	.9	673	7.8	60 645	1.1	55 111	.8
Mitchell	35 450	1.0	145 781	1.2	96 111	.8	338	4.8	72 951	.9	96 194	.5
Monona	36 886	1.3	57 242	2.1	127 574	.7	1 151	4.7	97 936	1.0	75 040	.6
Monroe	41 441	2.3	31 726	4.3	26 349	2.2	104	13.8	19 212	2.8	27 469	1.5
Montgomery	29 584	1.5	61 284	1.8	73 645	1.1	482	4.3	72 597	1.2	54 168	.7
Muscatine	26 833	1.5	91 269	1.9	81 722	1.0	737	6.0	54 102	1.2	54 308	.8
O'Brien	54 433	.8	219 771	1.3	124 897	.7	34	21.6	132 665	.8	156 715	.4
Osceola	29 424	1.6	97 240	1.5	77 922	1.0	158	26.8	91 774	1.1	74 371	.7
Page	45 986	1.0	82 672	1.4	84 480	.8	1 626	4.0	94 261	.9	72 822	.6
Palo Alto	18 879	1.7	113 704	1.3	118 241	.6	(D)	(D)	126 240	.6	91 667	.5
Plymouth	85 592	.7	333 224	.9	188 164	.7	325	6.4	137 600	.7	183 614	.4
Pocahontas	17 817	1.2	117 561	1.2	118 510	.6	–	–	142 055	.6	94 124	.5
Polk	14 334	2.3	40 610	2.3	80 518	.9	107	18.5	79 880	1.0	55 492	.7
Pottawattamie	73 730	.9	132 246	1.1	190 703	.6	1 516	7.3	159 046	.7	148 757	.4
Poweshiek	52 353	1.2	115 888	1.5	100 151	.8	164	19.6	76 368	1.0	81 132	.7
Ringgold	52 034	1.2	54 322	2.1	40 969	1.2	437	11.2	42 819	1.4	38 620	1.0
Sac	51 204	.8	219 218	.9	119 558	.6	64	6.8	117 882	.7	129 941	.4
Scott	30 430	1.2	137 971	1.4	111 372	.8	109	16.3	38 786	1.1	81 530	.6
Shelby	49 837	1.1	174 150	1.4	132 411	.8	58	5.9	90 028	1.0	108 594	.6
Sioux	178 525	.5	441 534	.8	194 424	.6	231	11.2	118 683	.9	348 597	.3
Story	20 355	1.3	110 672	1.1	116 748	.6	128	11.1	117 965	.7	101 788	.4
Tama	47 664	1.2	138 669	1.4	146 615	.8	240	15.6	100 936	.8	105 643	.6
Taylor	40 041	1.7	62 873	2.3	55 044	1.2	576	4.2	59 916	1.4	40 437	1.0
Union	45 072	1.3	44 487	3.1	40 799	1.5	268	4.3	32 681	1.8	39 630	.9
Van Buren	29 876	1.6	56 843	2.1	41 462	1.4	554	8.4	40 643	1.7	32 952	1.1
Wapello	25 907	1.6	48 166	2.8	49 900	1.7	59	18.7	46 721	1.8	35 435	1.2
Warren	47 405	1.4	91 113	1.8	69 880	1.2	207	4.4	53 371	1.4	54 969	.9
Washington	30 074	1.3	291 267	.9	116 371	.7	876	8.0	66 723	1.0	113 286	.5
Wayne	44 170	1.4	38 007	2.3	43 055	1.4	343	9.0	38 334	1.6	34 630	1.0
Webster	12 135	2.4	95 799	1.5	138 143	.6	(D)	(D)	170 666	.6	112 144	.5
Winnebago	9 127	3.1	77 367	2.0	87 427	.8	(D)	(D)	82 266	1.0	57 541	.8
Winneshiek	103 658	.9	183 559	1.4	103 614	.8	79	13.8	18 580	2.3	120 561	.7
Woodbury	74 222	.9	144 487	1.5	162 688	.8	697	2.6	86 671	1.2	127 445	.5
Worth	13 566	1.5	71 694	1.8	77 320	.9	–	–	72 543	.9	56 004	.6
Wright	8 914	2.0	73 215	1.4	119 346	.6	(D)	(D)	137 106	.6	85 033	.5

Geographic area	Selected farm production expenses[1]									
	Livestock and poultry purchased		Commercial fertilizer		Hired farm labor		Petroleum products		Electricity for the farm business	
	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Adair	8 495	10.4	4 256	4.8	1 601	9.9	2 645	3.9	962	4.1
Adams	4 042	10.4	2 303	11.2	969	8.8	1 796	4.9	660	5.8
Allamakee	6 990	12.1	3 073	6.6	2 856	11.7	2 950	3.9	1 850	4.0
Appanoose	3 200	18.5	1 694	10.9	731	22.8	1 298	6.8	351	8.3
Audubon	14 586	5.5	4 137	5.4	2 092	5.6	2 822	3.4	1 201	5.0
Benton	25 792	3.3	7 834	3.9	3 887	7.2	4 667	3.6	1 932	4.7
Black Hawk	10 341	9.6	5 384	4.9	4 025	14.9	3 523	3.1	1 466	4.7
Boone	10 865	6.3	5 306	4.4	2 614	6.6	3 160	3.5	995	3.8
Bremer	7 877	8.9	4 774	6.1	1 894	10.6	3 028	3.3	1 281	4.1
Buchanan	13 291	4.0	7 153	5.3	3 329	7.0	4 187	3.6	1 679	3.9
Buena Vista	20 857	3.6	5 397	4.2	5 208	5.7	3 811	3.1	1 580	3.5
Butler	15 227	6.2	5 959	4.6	3 081	7.1	3 682	2.9	1 525	3.7
Calhoun	13 886	8.5	5 255	5.7	2 682	11.7	3 080	3.7	(D)	(D)
Carroll	42 663	2.9	5 561	5.0	4 439	5.3	4 388	3.4	1 862	4.2
Cass	16 310	3.4	4 074	4.7	2 175	4.2	2 992	3.5	1 024	3.9
Cedar	16 900	9.8	6 076	4.6	2 683	1.8	3 644	4.1	1 518	3.2
Cerro Gordo	4 641	12.4	5 444	4.2	2 835	9.0	3 969	4.0	1 131	4.4
Cherokee	26 445	4.3	4 600	4.0	2 988	9.3	3 480	4.7	1 660	5.2
Chickasaw	13 196	5.6	5 505	5.1	2 593	10.2	3 428	4.6	1 455	8.4
Clarke	2 412	17.0	1 801	10.0	517	13.6	1 525	6.8	470	13.4
Clay	16 812	4.0	4 722	5.4	2 453	7.9	3 085	4.7	1 099	3.9
Clayton	13 262	6.6	6 227	5.5	4 026	6.1	5 046	3.2	3 194	4.5
Clinton	19 651	4.7	7 916	4.3	3 299	7.6	4 199	3.4	1 824	6.3
Crawford	21 803	5.1	5 669	4.2	3 405	8.6	3 922	3.7	1 670	4.1
Dallas	7 272	10.7	4 433	5.0	2 792	6.4	2 683	4.4	981	7.4

See footnotes at end of table.

Table F. **Reliability Estimates of County Totals: 1987**—Con.

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Selected farm production expenses[1]									
	Livestock and poultry purchased		Commercial fertilizer		Hired farm labor		Petroleum products		Electricity for the farm business	
	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Davis	3 811	13.5	2 346	6.4	658	14.4	1 608	8.4	697	6.8
Decatur	6 112	7.8	2 067	9.2	1 141	10.6	1 558	5.5	494	5.7
Delaware	18 914	5.5	7 362	3.9	4 822	5.6	5 993	2.5	3 154	2.8
Des Moines	3 392	6.9	3 198	5.9	1 253	8.7	1 700	4.1	576	7.6
Dickinson	12 661	4.2	2 693	5.7	1 927	6.7	2 018	4.0	709	5.6
Dubuque	23 907	5.5	5 505	4.3	5 614	6.9	5 202	3.2	3 011	3.2
Emmet	6 610	8.4	3 458	6.3	1 347	6.6	2 266	5.4	699	6.3
Fayette	15 028	6.6	7 460	4.5	4 687	5.5	4 893	3.4	2 341	3.5
Floyd	8 386	6.9	4 613	3.4	2 906	6.2	3 252	4.0	1 133	3.9
Franklin	12 037	5.6	6 043	4.2	3 500	4.9	3 889	3.7	1 361	4.4
Fremont	10 594	5.3	3 275	5.5	2 916	15.9	2 587	5.2	831	8.5
Greene	7 690	9.9	5 201	4.1	3 225	5.4	3 285	3.6	1 079	5.2
Grundy	21 499	4.4	6 038	4.2	3 622	7.1	3 941	3.9	1 364	3.7
Guthrie	7 284	7.9	3 446	5.3	1 390	5.1	2 701	5.1	961	4.7
Hamilton	17 559	3.6	5 186	4.1	5 187	5.4	4 217	3.6	1 650	2.9
Hancock	12 061	6.9	6 261	4.5	3 235	8.8	4 066	3.9	1 361	3.8
Hardin	18 069	6.4	5 837	4.8	3 824	5.3	3 764	3.4	1 511	3.3
Harrison	9 680	9.0	5 722	6.6	2 542	7.4	3 218	5.4	1 336	5.7
Henry	5 424	8.1	3 579	5.0	2 080	6.7	2 164	3.2	747	4.0
Howard	6 624	6.7	4 323	4.0	2 250	8.7	2 938	3.9	1 181	6.2
Humboldt	11 122	6.2	4 191	4.8	2 407	6.2	2 479	5.1	772	8.3
Ida	17 962	5.0	3 940	6.4	2 385	11.6	2 344	5.0	1 059	5.3
Iowa	13 498	5.3	5 150	5.3	3 440	4.6	3 145	3.1	1 250	3.9
Jackson	18 867	4.1	4 290	5.8	2 833	8.2	3 342	4.2	1 656	4.0
Jasper	14 674	5.2	6 245	4.8	3 718	7.6	3 896	3.4	1 761	5.2
Jefferson	3 995	8.3	3 772	7.8	1 331	10.1	2 195	4.4	679	7.1
Johnson	11 232	4.7	5 091	4.3	3 196	10.9	3 496	2.7	1 363	3.3
Jones	24 464	4.5	5 934	6.7	3 182	7.5	3 614	3.8	1 535	4.1
Keokuk	7 765	9.1	6 144	4.3	2 661	7.3	3 774	4.0	1 160	4.0
Kossuth	18 591	3.9	10 164	3.5	5 156	6.9	7 143	2.9	2 260	3.8
Lee	7 694	9.1	3 855	6.0	1 689	5.1	2 207	3.7	873	4.8
Linn	12 303	5.1	5 911	4.0	4 045	10.4	3 971	3.2	1 601	3.7
Louisa	3 058	14.3	3 456	5.3	1 757	17.8	2 016	4.6	555	4.5
Lucas	1 823	15.0	1 692	9.1	653	24.7	1 200	7.8	378	7.3
Lyon	33 013	3.5	4 807	5.7	3 008	8.8	3 751	3.8	1 597	4.1
Madison	4 660	9.9	2 638	7.3	2 900	5.0	2 017	5.8	922	6.5
Mahaska	18 528	5.1	4 882	3.7	3 941	3.7	3 489	3.2	1 658	4.0
Marion	5 734	12.3	3 135	5.0	2 949	9.5	2 428	5.2	1 168	5.6
Marshall	11 583	4.6	4 790	4.4	4 109	7.4	3 428	2.9	1 474	13.3
Mills	8 069	4.2	3 246	3.5	1 629	4.6	1 856	4.7	698	4.5
Mitchell	14 561	4.8	4 236	4.5	2 664	3.8	3 354	3.1	1 314	3.2
Monona	12 163	6.5	5 768	6.3	2 202	8.9	3 124	6.3	986	5.3
Monroe	4 555	14.3	1 699	18.4	810	38.6	1 461	8.3	412	10.5
Montgomery	8 825	13.8	3 455	6.8	1 946	10.6	2 334	4.5	829	5.6
Muscatine	5 730	9.1	4 109	5.0	2 326	10.8	2 478	4.6	922	5.3
O'Brien	35 703	2.4	6 726	5.8	3 489	6.7	4 260	3.7	1 923	4.1
Osceola	12 450	6.8	3 300	5.6	1 731	10.2	2 454	4.9	907	4.8
Page	9 214	7.4	3 459	6.2	4 783	6.2	2 361	4.7	949	5.4
Palo Alto	12 055	7.7	5 608	4.5	2 630	6.3	3 409	4.3	1 168	5.2
Plymouth	42 134	3.1	7 086	3.4	3 807	4.0	4 976	2.8	2 429	3.6
Pocahontas	12 261	5.0	5 255	5.3	2 176	7.3	3 319	3.6	1 211	7.2
Polk	2 955	9.5	4 227	6.0	2 756	9.9	2 202	4.3	602	5.5
Pottawattamie	27 917	3.0	7 931	4.1	5 261	5.6	5 497	3.1	2 183	3.0
Poweshiek	8 471	9.3	4 813	5.8	2 452	6.2	3 087	4.0	1 098	4.4
Ringgold	4 186	13.4	2 169	7.2	1 173	15.0	1 707	5.5	584	5.9
Sac	28 172	2.6	5 015	4.6	5 331	11.6	3 681	3.2	1 475	4.3
Scott	12 317	6.3	4 645	4.3	2 375	10.3	3 319	3.5	1 133	4.2
Shelby	19 464	5.5	5 904	4.9	2 282	6.4	3 703	4.3	1 737	3.9
Sioux	115 970	1.4	8 512	3.3	10 046	2.4	6 066	2.6	3 381	2.9
Story	13 361	5.1	5 161	4.2	4 302	7.5	3 428	3.4	1 472	4.3
Tama	11 351	7.1	6 764	4.2	3 771	9.5	4 110	2.9	1 596	4.4
Taylor	3 591	21.8	2 305	8.0	1 077	10.9	1 900	5.0	665	6.8
Union	7 814	7.6	1 858	9.8	1 178	14.8	1 483	7.1	(D)	(D)
Van Buren	3 002	14.3	2 494	12.5	1 276	9.8	1 356	5.5	566	5.0
Wapello	4 480	13.6	2 380	8.1	1 104	14.7	1 614	5.1	457	7.2
Warren	5 877	11.6	2 798	5.5	2 246	6.9	2 218	4.3	845	5.0
Washington	11 576	7.2	5 143	4.6	4 100	6.6	3 948	3.2	1 492	5.0
Wayne	4 639	22.2	2 137	9.9	611	9.3	1 619	7.3	519	10.1
Webster	5 937	13.3	5 779	4.7	5 006	9.7	3 937	3.6	1 463	3.5
Winnebago	4 985	11.9	3 752	4.9	1 321	9.3	2 509	3.9	862	5.4
Winneshiek	15 134	9.3	4 970	4.8	3 481	7.1	4 437	3.4	2 319	4.0
Woodbury	30 308	3.2	7 095	4.0	3 151	4.4	3 787	3.0	1 649	3.9
Worth	6 508	7.2	3 660	4.7	1 332	7.8	2 432	3.3	700	4.3
Wright	7 223	8.4	5 422	4.8	2 628	15.4	3 183	4.3	994	5.3

[1] Data are based on a sample of farms.

Table G. State Coverage Evaluation Estimates of Farms Not on the Mail List: 1987

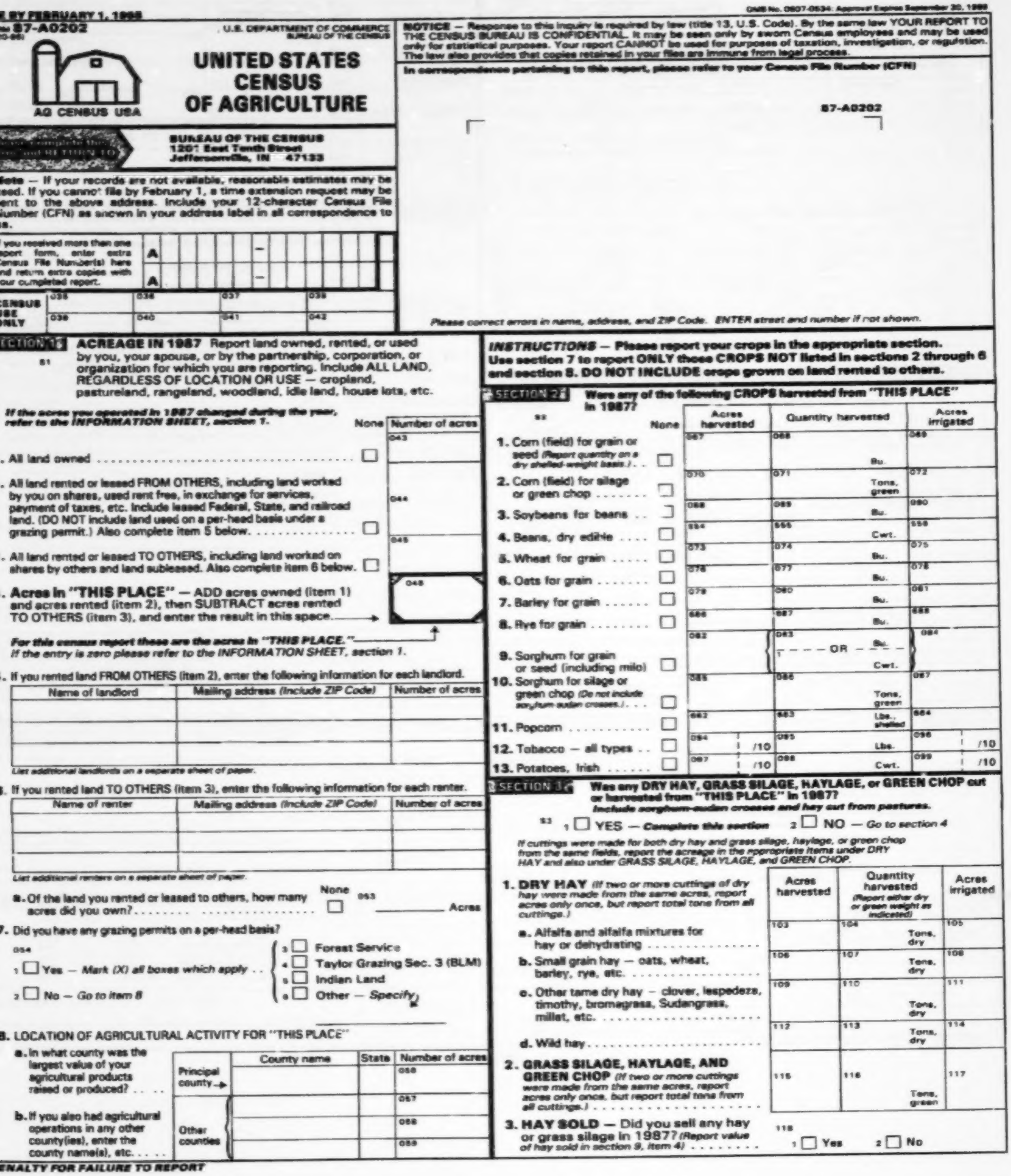
[Data are based on a sample of farms; see text. For meaning of abbreviations and symbols, see introductory text]

Item		Not on mail list		Percent not on mail list	
		Total number	Relative standard error of estimate (percent)	Total percent	Standard error of percent
Farms	number	5 573	8.4	5.0	.4
Land in farms	acres	337 241	38.5	1.1	.4
Farms by size:					
Less than 50 acres	farms	4 503	10.2	19.2	2.0
50 acres or more	farms	1 070	3.1	1.2	(Z)
Harvested cropland	farms	3 190	22.5	3.3	.7
	acres	206 697	40.6	1.0	.4
Farms by value of sales:					
Less than $2,500	farms	2 563	17.0	22.6	3.8
$2,500 or more	farms	3 010	2.6	3.0	.1
$2,500 to $9,999	farms	1 069	2.6	7.2	.2
$10,000 or more	farms	1 941	2.7	2.3	.1
Market value of agricultural products sold	$1,000	61 063	38.1	.7	.3
Farms by standard industrial classification:					
Crops (01)	farms	1 514	2.7	2.8	.1
Livestock (02)	farms	4 059	11.2	7.3	.6
Farms by tenure of operator:					
Full owners	farms	3 679	6.5	7.1	.5
Part owners and tenants	farms	1 895	21.4	3.2	.7
Operators by principal occupation:					
Farming	farms	1 509	3.0	2.0	.1
Other	farms	4 064	11.2	12.0	1.3
Average age of operator	years	45.5	(Z)	(X)	(X)

Note 1: Farms classified as nonfarms, nonfarms classified as farms, and farms appearing more than once in the census are not accounted for in these estimates, but will be provided in the 1987 Coverage Evaluation publication. See appendix C for futher explanation.

Note 2: Detail may not add to total due to rounding.

APPENDIX D.
Report Form and Information Sheet



E BY FEBRUARY 1, 1988

87-A0202

OMB No. 0607-0534: Approval Expires September 30, 1988

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AG CENSUS USA

UNITED STATES CENSUS OF AGRICULTURE

lease complete this
rm and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

lote — If your records are not available, reasonable estimates may be sed. If you cannot file by February 1, a time extension request may be ent to the above address. Include your 12-character Census File lumber (CFN) as shown in your address label in all correspondence to s.

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0202

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

f you received more than one eport form, enter extra Census File Number(s) here nd return extra copies with our completed report.	A					–								
	A					–								

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

ECTION 1 **ACREAGE IN 1987** Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

51

If the acres you operated in 1987 changed during the year, refer to the INFORMATION SHEET, section 1.

	None	Number of acres
. All land owned	☐	043
. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.	☐	044
. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.	☐	045
. **Acres in "THIS PLACE"** — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. →		046

For this census report these are the acres in "THIS PLACE."
If the entry is zero please refer to the INFORMATION SHEET, section 1.

. If you rented land FROM OTHERS (item 2), enter the following information for each landlord.

Name of landlord	Mailing address *(Include ZIP Code)*	Number of acres

List additional landlords on a separate sheet of paper.

. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address *(Include ZIP Code)*	Number of acres

List additional renters on a separate sheet of paper.

a. Of the land you rented or leased to others, how many acres did you own? . . . . None ☐ 053 ________ Acres

7. Did you have any grazing permits on a per-head basis?

054

1 ☐ Yes — *Mark (X) all boxes which apply* . .
- 3 ☐ Forest Service
- 4 ☐ Taylor Grazing Sec. 3 (BLM)
- 5 ☐ Indian Land
- 6 ☐ Other — *Specify*

2 ☐ No — *Go to item 8*

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

		County name	State	Number of acres
a. In what county was the largest value of your agricultural products raised or produced?	Principal county →			056
b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc.	Other counties			057
				058
				059

ENALTY FOR FAILURE TO REPORT

***INSTRUCTIONS* — Please report your crops in the appropriate section. Use section 7 to report ONLY those CROPS NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.**

SECTION 2 **Were any of the following CROPS harvested from "THIS PLACE" in 1987?**

52

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Corn (field) for grain or seed *(Report quantity on a dry shelled-weight basis.)* . .	☐	067	068 Bu.	069
2. Corn (field) for silage or green chop	☐	070	071 Tons, green	072
3. Soybeans for beans . .	☐	088	089 Bu.	090
4. Beans, dry edible	☐	554	555 Cwt.	556
5. Wheat for grain	☐	073	074 Bu.	075
6. Oats for grain	☐	076	077 Bu.	078
7. Barley for grain	☐	079	080 Bu.	081
8. Rye for grain	☐	686	687 Bu.	688
9. Sorghum for grain or seed (including milo)	☐	082	083 Bu. – – – OR – – – 1 Cwt.	084
10. Sorghum for silage or green chop *(Do not include sorghum-sudan crosses.)* . . .	☐	085	086 Tons, green	087
11. Popcorn	☐	662	663 Lbs., shelled	664
12. Tobacco — all types . .	☐	094 /10	095 Lbs.	096 /10
13. Potatoes, Irish	☐	097 /10	098 Cwt.	099 /10

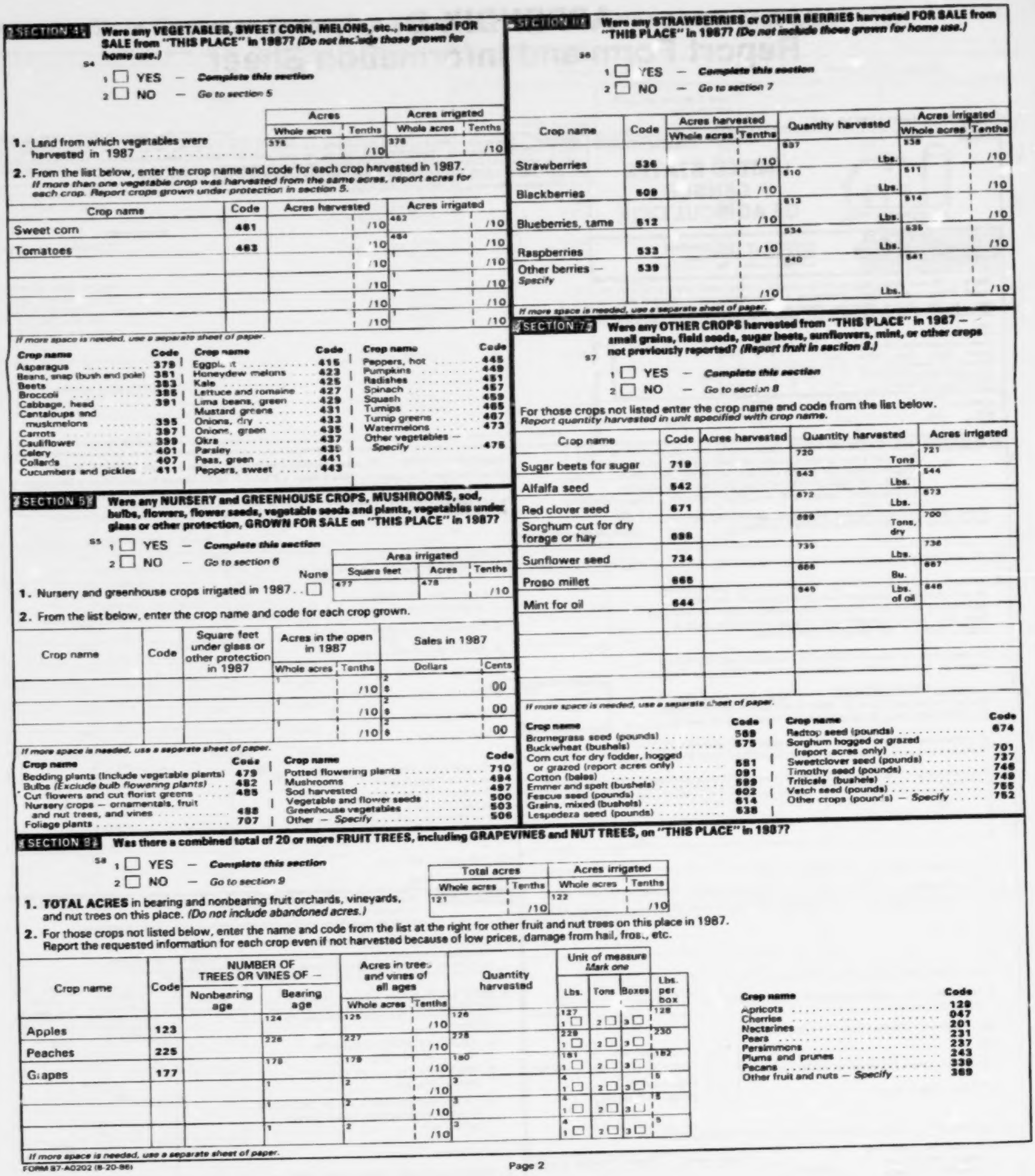
SECTION 3 **Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 1987?**
Include sorghum-sudan crosses and hay cut from pastures.

53 1 ☐ YES — ***Complete this section*** 2 ☐ NO — *Go to section 4*

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

	Acres harvested	Quantity harvested *(Report either dry or green weight as indicated)*	Acres irrigated
1. DRY HAY *(If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)*			
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104 Tons, dry	105
b. Small grain hay — oats, wheat, barley, rye, etc.	106	107 Tons, dry	108
c. Other tame dry hay — clover, lespedeza, timothy, bromegrass, Sudangrass, millet, etc.	109	110 Tons, dry	111
d. Wild hay	112	113 Tons, dry	114
2. GRASS SILAGE, HAYLAGE, AND GREEN CHOP *(If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)*	115	116 Tons, green	117

3. HAY SOLD — Did you sell any hay or grass silage in 1987? *(Report value of hay sold in section 9, item 4)* . . . . 118 1 ☐ Yes 2 ☐ No



SECTION 4

Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from "THIS PLACE" in 1987? ***(Do not include those grown for home use.)***

54
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 5*

1. Land from which vegetables were harvested in 1987 . . . .

Acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
376	/10	378	/10

2. From the list below, enter the crop name and code for each crop harvested in 1987.
If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.

Crop name	Code	Acres harvested		Acres irrigated	
Sweet corn	481		/10	482	/10
Tomatoes	483		/10	484	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	379	Eggplant	415	Peppers, hot	445
Beans, snap (bush and pole)	381	Honeydew melons	423	Pumpkins	449
Beets	383	Kale	425	Radishes	451
Broccoli	385	Lettuce and romaine	427	Spinach	457
Cabbage, head	391	Lima beans, green	429	Squash	459
Cantaloupes and muskmelons	395	Mustard greens	431	Turnips	465
Carrots	397	Onions, dry	433	Turnip greens	467
Cauliflower	399	Onions, green	435	Watermelons	473
Celery	401	Okra	437	Other vegetables — *Specify*	476
Collards	407	Parsley	439		
Cucumbers and pickles	411	Peas, green	441		
		Peppers, sweet	443		

SECTION 5

Were any NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on "THIS PLACE" in 1987?

55
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 6*

1. Nursery and greenhouse crops irrigated in 1987 . . None ☐

Area irrigated		
Square feet	Acres	Tenths
477	478	/10

2. From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1987	Acres in the open in 1987		Sales in 1987	
			Whole acres	Tenths	Dollars	Cents
			1	/10	2 $	00
			1	/10	2 $	00
			1	/10	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (Include vegetable plants)	479	Potted flowering plants	710
Bulbs *(Exclude bulb flowering plants)*	482	Mushrooms	494
Cut flowers and cut florist greens	485	Sod harvested	497
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Vegetable and flower seeds	500
Foliage plants	707	Greenhouse vegetables	503
		Other — *Specify*	506

SECTION 6

Were any STRAWBERRIES or OTHER BERRIES harvested FOR SALE from "THIS PLACE" in 1987? ***(Do not include those grown for home use.)***

56
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 7*

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
Strawberries	536		/10	537 Lbs.	538	/10
Blackberries	509		/10	510 Lbs.	511	/10
Blueberries, tame	512		/10	513 Lbs.	514	/10
Raspberries	533		/10	534 Lbs.	535	/10
Other berries — *Specify*	539		/10	540 Lbs.	541	/10

If more space is needed, use a separate sheet of paper.

SECTION 7

Were any OTHER CROPS harvested from "THIS PLACE" in 1987 — small grains, field seeds, sugar beets, sunflowers, mint, or other crops not previously reported? ***(Report fruit in section 8.)***

57
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 8*

For those crops not listed enter the crop name and code from the list below.
Report quantity harvested in unit specified with crop name.

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
Sugar beets for sugar	719		720 Tons	721
Alfalfa seed	542		543 Lbs.	544
Red clover seed	671		672 Lbs.	673
Sorghum cut for dry forage or hay	698		699 Tons, dry	700
Sunflower seed	734		735 Lbs.	736
Proso millet	665		666 Bu.	667
Mint for oil	644		645 Lbs. of oil	646

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bromegrass seed (pounds)	569	Redtop seed (pounds)	674
Buckwheat (bushels)	575	Sorghum hogged or grazed (report acres only)	701
Corn cut for dry fodder, hogged or grazed (report acres only)	581	Sweetclover seed (pounds)	737
Cotton (bales)	091	Timothy seed (pounds)	746
Emmer and spelt (bushels)	599	Triticale (bushels)	749
Fescue seed (pounds)	602	Vetch seed (pounds)	755
Grains, mixed (bushels)	614	Other crops (pounds) — *Specify*	752
Lespedeza seed (pounds)	638		

SECTION 8

Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES and NUT TREES, on "THIS PLACE" in 1987?

58
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 9*

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, vineyards, and nut trees on this place. *(Do not include abandoned acres.)*

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

2. For those crops not listed below, enter the name and code from the list at the right for other fruit and nut trees on this place in 1987. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF —		Acres in trees and vines of all ages		Quantity harvested	Unit of measure *Mark one*			Lbs. per box
		Nonbearing age	Bearing age	Whole acres	Tenths		Lbs.	Tons	Boxes	
Apples	123		124	125	/10	126	127 1 ☐	2 ☐	3 ☐	128
Peaches	225		226	227	/10	228	229 1 ☐	2 ☐	3 ☐	230
Grapes	177		178	179	/10	180	181 1 ☐	2 ☐	3 ☐	182
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5

Crop name	Code
Apricots	129
Cherries	047
Nectarines	201
Pears	231
Persimmons	237
Plums and prunes	243
Pecans	339
Other fruit and nuts — *Specify*	369

If more space is needed, use a separate sheet of paper.

FORM 87-A0202 (8-20-86)

ECTION 9 **GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1987, BEFORE taxes and expenses** *(Refer to the INFORMATION SHEET, section 9.)*
S9

Report your best estimate of the value for each of the following groups of crops sold from this place in 1987. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
Grains, soybeans and other beans sold in 1987			
a. Corn for grain	☐	773 $	00
b. Wheat	☐	774 $	00
c. Soybeans	☐	775 $	00
d. Sorghum for grain	☐	776 $	00
e. Barley	☐	777 $	00
f. Oats	☐	778 $	00
g. Other — rye, dry edible beans, sunflower seed, popcorn, proso millet, etc.	☐	779 $	00
Cotton and cottonseed	☐	780 $	00
Tobacco	☐	781 $	00
Hay, silage, field seeds, and grass seeds	☐	782 $	00
Vegetables, sweet corn, and melons — *(Do not include Irish potatoes and sweetpotatoes, report them in item 7 below.)*	☐	783 $	00
Fruits, nuts, and berries — apples, peaches, strawberries, etc.	☐	784 $	00
Other crops — potatoes, mint for oil, sugar beets, etc. *(Do not include nursery and greenhouse crops.)* — *Specify* ______	☐	785 $	00

ECTION 10 **How were the ACRES in this place USED in 1987?**
S10

Copy acres in "THIS PLACE" from section 1, item 4, page 1 ______ Acres

NOTE: *For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."*

	None	Number of acres
CROPLAND		
a. Cropland harvested — *Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.*	☐	787
b. Cropland used only for pasture or grazing — *Include rotation pasture and grazing land that could have been used for crops without additional improvements.*	☐	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured	☐	789
d. Cropland on which all crops failed — *(Exception: Do not report here land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 2a.)*	☐	790
e. Cropland in cultivated summer fallow	☐	791
f. Cropland idle	☐	793
Woodland — *Include all woodlots and timber tracts and cutover and deforested land with young timber growth.* a. Woodland pastured	☐	794
b. Woodland not pastured	☐	795
Other pastureland and rangeland — *Include any pastureland other than cropland and woodland pasture.*	☐	796
All other land — Land in house lots, ponds, roads, wasteland, etc. — *Include any land not reported in items 2 through 4 above.*	☐	797
TOTAL ACRES — ***Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)*** →		798

ECTION 11 **Was any LAND in this place IRRIGATED at any time in 1987?**

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

S11
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 12*

	None	Number of acres irrigated
How many acres of harvested land were irrigated? *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 2a.*	☐	680
How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	☐	681

ECTION 12 **Were any ACRES in this place SET ASIDE, DIVERTED, OR IDLED under FEDERAL acreage reduction programs in 1987?**

S12
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 13*

	None	Number of acres
How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	☐	682
How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	☐	683

SECTION 13 **Did you or anyone else have any CATTLE or CALVES on this place in 1987?**

S13
1 ☐ YES — ***Complete this section***
2 ☐ NO — ***Go to section 14***

• **DECEMBER 31, 1987 INVENTORY**	None	INVENTORY Number on this place Dec. 31, 1987
1. CATTLE AND CALVES of all ages *(Total of a, b, c, and d below)*	☐	803 Total
a. BEEF COWS — *Include beef heifers that had calved.*	☐	804 Beef cows
b. MILK COWS kept for production of milk or cream for sale or home use — *Include dry milk cows and milk heifers that had calved.*	☐	805 Milk cows
c. HEIFERS AND HEIFER CALVES — *(Do not include heifers that had calved.)*	☐	806 Heifers and heifer calves
d. STEERS, STEER CALVES, BULLS, AND BULL CALVES	☐	807 Steers and bulls of all ages

• **CATTLE AND CALVES SOLD FROM THIS PLACE IN 1987** *Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.*	None	Number sold in 1987	Gross value of sales	
			Dollars	Cents
2. Calves weighing less than 500 pounds	☐	808	809 $	00
3. Cattle, including calves weighing 500 pounds or more	☐	810	811 $	00
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	00

• **DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1987**	None	DAIRY PRODUCTS Gross value of sales	
		Dollars	Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1987 — *Include milk, cream, butter, etc.*	☐	814 $	00

SECTION 14 **Did you or anyone else have any HOGS or PIGS on this place in 1987?**

S14
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 15*

• **DECEMBER 31, 1987 INVENTORY**	None	INVENTORY Number on this place Dec. 31, 1987
1. HOGS and PIGS of all ages *(Total of a and b below)*	☐	815 Total
a. HOGS and PIGS used or to be used for BREEDING	☐	816 Breeding
b. OTHER HOGS and PIGS	☐	817 Other

• **LITTERS FARROWED**	None	Number of litters
2. LITTERS FARROWED on this place between —		
a. December 1, 1986 and May 31, 1987	☐	818
b. June 1, 1987 and November 30, 1987	☐	819

• **HOGS AND PIGS SOLD**	None	Number sold in 1987	Gross value of sales	
			Dollars	Cents
3. HOGS and PIGS SOLD from this place in 1987	☐	820	821 $	00
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	00

SECTION 15 **Did you or anyone else have any SHEEP or LAMBS on this place in 1987?**

S15
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 16*

	None	INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	▨

	None	Number shorn in 1987	Pounds of wool shorn in 1987
2. SHEEP and LAMBS SHORN	☐	827	828

	None	Gross value of sales	
		Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?	☐	829 $	00

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SECTION 16 Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1987?

816 1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 17*

	None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales Dollars	Cents
1. Horses and ponies of all ages	☐	830	831 Number	832 $	00
2. Colonies of bees	☐	839	840 Number 841 Pounds honey	842 $	00
3. Milk goats	☐	843	844 Number 845 Gallons milk	846 $	00
4. Angora goats	☐	847	848 Number 849 Pounds mohair	850 $	00
5. Other goats	☐	851	852 Number	853 $	00
6. Mules, burros, and donkeys	☐	833	834 Number	835 $	00
7. Mink and their pelts	☐	836	837 Number	838 $	00
8. Rabbits and their pelts	☐	854	855 Number	856 $	00
9. All other livestock and livestock products *Specify* ______		857	858 Number	859 $	00

10. Fish and other aquaculture products *(Enter name and code from list below.)*

Name ______ Code ______

Total quantity sold in 1987	Gross value of sales Dollars	Cents
1 Pounds —OR— Number	2 $	00

Name	Code	Name	Code
Catfish	860	Other fish — *Specify*	866
Trout	863	Other aquaculture products — *Specify*	869

If more space is needed, use a separate sheet of paper.

SECTION 17 Did you or anyone else have any POULTRY, such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1987? — *Include poultry grown for others on a contract basis.*

817 1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 18*

	None	INVENTORY Number on this place Dec. 31, 1987	Total number sold in 1987
1. HENS and PULLETS of laying age	☐	892	893
2. PULLETS for laying flock replacement			
a. PULLETS 3 months old or older not yet of laying age	☐	894	895
b. PULLET CHICKS and PULLETS under 3 months old *(Do not include commercial broilers.)*	☐	896	
3. BROILERS, fryers, and other meat-type chickens including capons and roasters	☐	898	899
4. TURKEYS			
a. Turkeys for slaughter *(Do not include breeders.)*	☐	900	901
b. Turkey HENS kept for breeding	☐	902	903
5. OTHER POULTRY raised in captivity — ducks, geese, pigeons or squab, pheasants, quail, etc. *(Enter poultry name and code from the list below.)*			1
Poultry name ______ Code ______			
Poultry name ______ Code ______			1

Name	Code	Name	Code	Name	Code
Ducks	904	Pigeons or squab	908	Quail	912
Geese	906	Pheasants	910	All other poultry — *Specify*	914

	None	Number
6. POULTRY HATCHED on this place in 1987 and placed or sold — chickens, turkeys, ducks, etc. — *Specify kind of poultry* ______	☐	916
7. Incubator egg capacity on December 31, 1987	☐	917

	None	Gross value of sales Dollars	Cents
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1987?	☐	918 $	00

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SECTION 18 GOVERNMENT CCC LOANS

818

1. Amount received in 1987 from Government CCC loans for — *Include regular and reserve loans, even if redeemed or forfeited.*	None	Dollars	Cents
a. Corn	☐	886 $	00
b. Wheat	☐	887 $	00
c. Soybeans	☐	888 $	00
d. Sorghum, barley, and oats	☐	889 $	00
e. Cotton	☐	890 $	00
f. Tobacco, rye, and honey	☐	891 $	00

SECTION 19 Payments received for participation in FEDERAL FARM PROGRAMS in 1987 *(DO NOT INCLUDE CCC loans.) Refer to INFORMATION SHEET, section 19.*

819

	None	Dollars	Cents
1. Amount received in cash	☐	884 $	00
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates	☐	885 $	00

SECTION 20 TYPE OF ORGANIZATION

820

Mark (X) the one item which best describes the type of organization for this place in 1987. *Refer to the INFORMATION SHEET, section 20.*

821
- FAMILY or INDIVIDUAL operation — *(Do not include partnership and corporation.)* 1 ☐ } *Go to section 22*
- PARTNERSHIP operation — *Include family partnerships.* 2 ☐ } *Go to section 22*
- INCORPORATED UNDER STATE LAW 3 ☐ *Go to section 21*
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. 4 ☐ *Specify below then go to section 22*

Specify ______

SECTION 21 CORPORATE STRUCTURE (for incorporated operations only) *Refer to the INFORMATION SHEET, section 21.*

821

922
1. Is this a family-held corporation? 1 ☐ Yes 2 ☐ No
2. Are there more than 10 stockholders? 3 ☐ Yes 4 ☐ No

SECTION 22 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) *Refer to the INFORMATION SHEET, section 22.*

822

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 923 1 ☐ Yes 2 ☐ No

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? *For partnerships consider all members of the partnership together.* 928 1 ☐ Farming or ranching 2 ☐ Other

3. OFF-FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day off this place in 1987? — *Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)*
929
1 ☐ None
2 ☐ 1—49 days
3 ☐ 50—99 days
4 ☐ 100—149 days
5 ☐ 150—199 days
6 ☐ 200 days or more

4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? 930 ______ Year

5. AGE of operator (senior partner or person in charge) 925 ______ Years old

6. RACE of operator (senior partner or person in charge)
924
1 ☐ White
2 ☐ Negro or Black
3 ☐ American Indian
4 ☐ Asian or Pacific Islander
5 ☐ Other — *Specify* ______

7. SEX of operator (senior partner or person in charge) 926 1 ☐ Male 2 ☐ Female

8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 927 1 ☐ Yes 2 ☐ No

[illegible] PRODUCTION EXPENSES paid by you and others for this place in 1987

823

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1987. (DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.)

	None	Dollars	Cents
1. Livestock and poultry purchased — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	☐	971 $	00
2. Feed purchased for livestock and poultry — grain, hay, silage, mixed feeds, concentrates, etc.	☐	972 $	00
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes. *(Do not include ingredients purchased separately, such as soybean meal, cottonseed meal, and urea.)*	☐	973 $	00
3. Seed cost — for corn, other grains, soybeans, tobacco, cotton, etc. — *Include plants and trees purchased.*	☐	974 $	00
4. Commercial fertilizer purchased — all forms, including rock phosphate and gypsum. *Include cost of custom applications.*	☐	975 $	00
5. Agricultural chemicals purchased — insecticides, herbicides, fungicides, other pesticides, etc. — *Include cost of custom applications. (Do not include lime.)*	☐	976 $	00
6. Gasoline and other petroleum fuel and oil purchased for the farm business —			
a. Gasoline and gasohol	☐	977 $	00
b. Diesel fuel	☐	978 $	00
c. Natural gas	☐	979 $	00
d. LP gas, fuel oil, kerosene, motor oil, grease, etc.	☐	980 $	00
7. Electricity for the farm business — *(Do not include household expenses.)*	☐	981 $	00
8. Hired farm and ranch labor — also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. *(See INFORMATION SHEET)*	☐	982 $	00
9. Contract labor — *Include expenditures for labor, such as harvesting of fruit, vegetables, berries, etc., performed on a contract basis by a contractor, crew leader, a cooperative, etc.*	☐	983 $	00
10. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment	☐	984 $	00
11. Customwork, machine hire and rental of machinery and equipment — *Include expenditures for use of equipment and for customwork such as grinding and mixing feed, plowing, combining, corn picking, drying, silo filling, spraying, dusting, fertilizing, etc. (Do not include cost of cotton ginning and application of fertilizer and chemicals.)*	☐	985 $	00
12. Interest paid on debts — *(See INFORMATION SHEET)*			
a. Secured by real estate	☐	986 $	00
b. Not secured by real estate	☐	987 $	00
13. Cash rent paid for land and buildings in 1987 — *(Do not include grazing fees.)*	☐	988 $	00
14. Property taxes paid — *Include farm real estate, machinery, livestock, etc. for the farm business. (Do not include taxes paid by landlords.)*	☐	989 $	00
15. All other production expenses — *Include insurance, water, animal health costs, grazing fees, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.)*	☐	990 $	00

SECTION [illegible] Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987?

824

1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 25*

	None	Acres fertilized
1. Acres of cropland fertilized in 1987 — *(Do not include cropland for pastures reported in section 10, item 2b.)*	☐	932
2. Acres of pastureland and rangeland fertilized in 1987 reported in section 10, items 2b and 4	☐	933

	None	Tons of lime	Acres limed
3. LIME — tons of lime used and acres on which applied — *(Do not include land plaster or gypsum or lime for sanitation.)*	☐	934	935

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[illegible] Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?

825

1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 26*

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

	None	Acres on which used
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) to control —		
a. **Insects** on crops, including hay	☐	936
b. **Nematodes** in crops	☐	937
c. **Diseases** in crops and orchards (blights, smuts, rusts, etc.)	☐	938
d. **Weeds, grass, or brush** in crops and pasture — *Include both pre-emergence and post emergence.*	☐	939
2. Chemicals for **defoliation** or for **growth control** of crops or **thinning** of fruit	☐	940

[illegible] MACHINERY AND EQUIPMENT on this place on December 31, 1987 — *Include only equipment used for agricultural operations in 1986 or 1987.*

826

- **Value of ALL machinery and equipment on this place, December 31, 1987**

	Estimated market value Dollars	Cents
1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? — *Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.*	943 $	00

- **SELECTED machinery and equipment on this place, December 31, 1987.** *(Report only if used in 1986 or 1987.)*

	None	Total number on this place on December 31, 1987	Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?
2. Motortrucks — *Include pickups*	☐	944	945
3. Wheel tractors other than garden tractors and motor tillers —			
a. Less than 40 horsepower (PTO)	☐	946	947
b. 40 horsepower (PTO) or more	☐	948	949
4. Grain and bean combines, all types	☐	950	951
5. Cotton pickers and strippers	☐	956	957
6. Mower conditioners	☐	958	959
7. Pickup balers — *Include rectangle and round balers*	☐	960	961

SECTION [illegible] ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS

827

Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for all acres reported in section 1, items 1, 2, and 3, page 1.

	None	Estimated market value of land and buildings Dollars	Cents
1. All land owned	☐	996 $	00
2. All land rented or leased FROM OTHERS	☐	997 $	00
3. All land rented or leased TO OTHERS	☐	998 $	00

SECTION [illegible] INCOME FROM FARM - RELATED SOURCES IN 1987

828

Report amount received before taxes and expenses.

	None	Farm-related income Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. *(If customwork is a separate business, refer to INFORMATION SHEET, section 28)*	☐	992 $	00
2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments — *Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc.*	☐	993 $	00
3. Sales of forest products and Christmas trees — *Include maple products, naval stores, firewood, etc.*	☐	994 $	00
4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place – *Specify* __________	☐	995 $	00

SECTION [illegible] PERSON COMPLETING THIS REPORT — *Please print*

Name		999 Date	
Telephone number	Area Code _ _ _	Number _ _ _ – _ _ _ _	

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FORM 87-A01(I)
(12-17-86)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

INFORMATION SHEET

1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations **at any time during 1987**, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "*(Name of partner)* has completed a report for the partnership *(provide name and CFN of partnership.)*"

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

▶ Section 1 — ACREAGE IN 1987

Your answers to this section will determine the land **(Acres in "THIS PLACE")** referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

IF YOU QUIT FARMING DURING 1987 — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include the name and address of the person now using the land.

Report all land in section 1 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

- **a.** Land for agricultural use that you rented from others for cash
- **b.** Land you worked on a share basis (crop or livestock)
- **c.** Land owned by someone else that you used rent-free
- **d.** Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark "yes" to item 7.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

- **a.** Owned land rented to others for cash or a share of crops or livestock
- **b.** Land you rented from someone and then subleased to someone else
- **c.** Land worked for you by someone for a share of crops or livestock
- **d.** Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

- **a.** You raised any crops or had any livestock or poultry on **"THIS PLACE"** in 1987, complete the report.
- **b.** All your land was operated by a renter or sharecropper, complete item 6 (name and address of renters), skip to and complete section 29, and explain briefly, "all land rented out," etc. Mail form in return envelope.
- **c.** You did not have any agricultural activity on owned or rented land in 1987, complete section 29 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

▶ Sections 2 through 8 — CROPS

Sections 2 through 8 provide space for reporting crops harvested during the 1987 crop year from the land shown in section 1, item 4 (Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. Do NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

Acres harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as for potatoes.

Quantity harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

Acres irrigated — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave "Acres irrigated" blank for crops that are not irrigated.

How to Report Crops Harvested

▶ **Sections 2 and 3** — Report only for the listed crops.

▶ **Sections 4 through 8** — To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

Double Cropping — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

Example: In 1987 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

Section 2 — **Were any of the following CROPS harvested from "THIS PLACE" in 1987?**

82	None	Acres harvested	Quantity harvested	Acres irrigated
1. Cotton	☐	091	092 Bales	093
2. Soybeans for beans	☐	088 40	089 1,550 Bu.	090 40
3. Wheat for grain	☐	073 40	074 1,230 Bu.	075
4. Oats for grain	☐	076	077 Bu.	078

Interplanted Crops — If two crops were grown at the same time in alternating strips in the same field, report the portion of the field used for each crop.

Example: A 60 acre field was planted in cotton and soybeans, with two rows of cotton followed by an area of the same width planted in soybeans. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

Skip Row Planting — If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 2f.

▶ **Section 4 — VEGETABLES** — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Example: In 1987 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4.

▶ **Section 8 — FRUITS and NUTS** — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 2f "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in section 8 and the total acres of the interplanted crop in the appropriate section.

▶ **Section 9 — GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE" regardless of the year in which the crops were harvested.

Also include as sales, your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for fence repair, clearing, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

▶ **Section 10 — USE OF ACRES IN "THIS PLACE"**

This section is used to classify the acres in "THIS PLACE" reported in section 1, item 4. (Do not include any acres you rented to others reported in section 1, item 3). The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but do NOT report as "Cropland used for cover crops, legumes, etc." (item 2c).

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in item 2a.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in item 2a.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," item 2f. The acres that represent the planted rows should be reported as "Cropland harvested," in item 2a.

▶ **Section 12 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987**

Include in item 2 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

▶ **Sections 13 through 17 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 19, item 1. Dairy animals and products sold in 1987 should be reported in section 13.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

a. Cattle and calves sold for further feeding

b. Veal calves, or any calves weighing less than 500 pounds

c. Dairy cows fed only the usual dairy ration before being sold

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

▶ Section 16 — HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Item 2 — If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Items 7 and 8 — Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Item 9 — Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Please indicate units used in reporting.

Item 10 — Fish and Other Aquaculture Products — Report number of pounds sold and gross value of sales for each. Enter name and code from list.

▶ Section 17 — POULTRY

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry that were taken or moved from the place in 1987.

▶ Section 18 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

▶ Section 19 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-herd dairy buy-out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

▶ Section 20 — TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for your operation:

Family or Individual Operation — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

Incorporated Under State Law — A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21.

Other — Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

▶ Section 21 — CORPORATE STRUCTURE

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

▶ Section 22 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 20.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporations and Other Operations (Cooperatives, Estates, etc.) — Complete section 22 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

▶ Section 23 — PRODUCTION EXPENSES paid by you and others for "this place" in 1987

Include farm production expenses paid by you, your landlord, contractors, or anyone else for crops, livestock, or poultry produced on "this place." Include expenses incurred in 1987 even if they were not paid for in 1987. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

Livestock and Poultry Purchased — Report the cost of cattle, calves, hogs, pigs, sheep, lambs, horses, goats, chicks, pullets, poults, etc., including breeding stock and dairy cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, baby chicks, pullets, etc. at the time they came onto the place.

Feed Purchased for Livestock and Poultry — Report the purchase cost of corn, sorghum, oats, barley, other grains, silage, hay, mixed feed, concentrates, etc., fed to livestock and poultry on "this place." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed raised on "this place" should not be reported as purchased.

Cost of Hired Farm and Ranch Labor — Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

Contract Labor — Includes the labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similiar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 11.

Repair and Maintenance Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment — Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Do not include repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. Do not include expenditures for the construction of new buildings or the cost of additions to existing buildings.

Interest Expense Paid on Debts — Report all interest expenses paid in 1987 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate such as for fertilizer, feed, and seed in item 12b. Include interest paid on CCC loans. Do not include interest associated with activities not related to production of crops or livestock on ''this place'' such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on ''this place.''

Cash Rent Paid for Land and Buildings in 1987 — Report rent paid in cash during 1987 for land and buildings in ''this place.'' Do not include rent paid for operator dwelling or other nonfarm property. Do not include the value of shares of crops or livestock paid to landlords.

Property Taxes Paid — Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

Do not include:

- **a.** Property taxes on land or buildings rented to someone else
- **b.** Taxes paid by landlords
- **c.** Property taxes paid on other property not associated with the farm business
- **d.** Income and excise taxes

All Other Production Expenses — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

▶ Section 24 — COMMERCIAL FERTILIZER AND LIME

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

▶ Section 26 — MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on ''this place'' and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

▶ Section 27 — ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

The value for each of the three listed categories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

▶ Section 28 — INCOME FROM FARM—RELATED SOURCES IN 1987

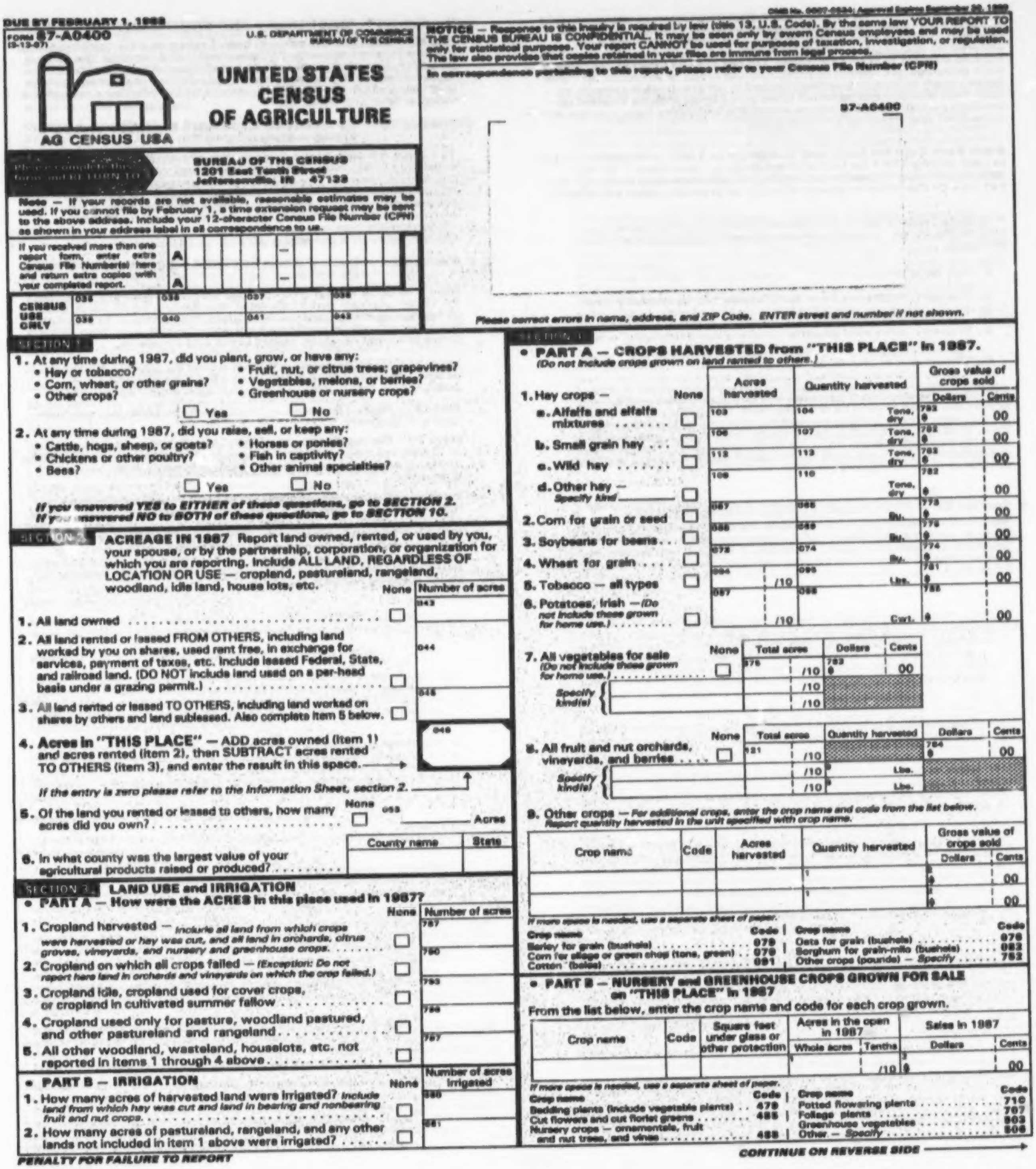
Item 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on ''this place,'' and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

Item 1 — Customwork — Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.

Item 2 — Rental Income — Do not include rental income from nonfarm property.

Item 3 — Forest Products — Include only those forest products or Christmas trees cut from ''this place,'' not items cut from other nonfarm timber acreage. Do not include income from saw mill business.

Item 4 — Other Farm-Related Income — Include income from hunting leases, fishing fees, and other recreational services, sales of farm by-products, and other business or income closely related to the agricultural operation on ''this place.'' Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm sales or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received.



DUE BY FEBRUARY 1, 1988

OMB No. 0607-0534: Approval Expires September 30, 1989

FORM **87-A0400**
(3-13-87)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AG CENSUS USA

UNITED STATES CENSUS OF AGRICULTURE

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0400

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

Please complete this form and RETURN TO

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47132

Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.	A — A —

CENSUS USE ONLY	035	036	037	038
	039	040	041	042

SECTION 1

1. At any time during 1987, did you plant, grow, or have any:
   - Hay or tobacco?
   - Corn, wheat, or other grains?
   - Other crops?
   - Fruit, nut, or citrus trees; grapevines?
   - Vegetables, melons, or berries?
   - Greenhouse or nursery crops?

   ☐ Yes ☐ No

2. At any time during 1987, did you raise, sell, or keep any:
   - Cattle, hogs, sheep, or goats?
   - Chickens or other poultry?
   - Bees?
   - Horses or ponies?
   - Fish in captivity?
   - Other animal specialties?

   ☐ Yes ☐ No

If you answered YES to EITHER of these questions, go to SECTION 2.
If you answered NO to BOTH of these questions, go to SECTION 10.

SECTION 2 ACREAGE IN 1987

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

	None	Number of acres
1. All land owned	☐	043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.)	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 5 below.	☐	045
4. **Acres in "THIS PLACE"** — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. →		046

If the entry is zero please refer to the Information Sheet, section 2.

5. Of the land you rented or leased to others, how many acres did you own? None ☐ 053 ________ Acres

	County name	State
6. In what county was the largest value of your agricultural products raised or produced?		

SECTION 3 LAND USE and IRRIGATION

• PART A — How were the ACRES in this place used in 1987?

	None	Number of acres
1. Cropland harvested — *Include all land from which crops were harvested or hay was cut, and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.*	☐	787
2. Cropland on which all crops failed — *(Exception: Do not report here land in orchards and vineyards on which the crop failed.)*	☐	790
3. Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow	☐	793
4. Cropland used only for pasture, woodland pastured, and other pastureland and rangeland	☐	796
5. All other woodland, wasteland, houselots, etc. not reported in items 1 through 4 above	☐	797

• PART B — IRRIGATION

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.*	☐	580
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	☐	581

PENALTY FOR FAILURE TO REPORT

SECTION 4

• PART A — CROPS HARVESTED from "THIS PLACE" in 1987.

(Do not include crops grown on land rented to others.)

	None	Acres harvested		Quantity harvested		Gross value of crops sold	
						Dollars	Cents
1. Hay crops —							
a. Alfalfa and alfalfa mixtures	☐	103		104	Tons, dry	782 $	00
b. Small grain hay	☐	106		107	Tons, dry	782 $	00
c. Wild hay	☐	112		113	Tons, dry	782 $	00
d. Other hay — *Specify kind* ________	☐	109		110	Tons, dry	782 $	00
2. Corn for grain or seed	☐	067		068	Bu.	773 $	00
3. Soybeans for beans	☐	088		089	Bu.	776 $	00
4. Wheat for grain	☐	073		074	Bu.	774 $	00
5. Tobacco — all types	☐	094	/10	095	Lbs.	781 $	00
6. Potatoes, Irish — *(Do not include those grown for home use.)*	☐	097	/10	098	Cwt.	785 $	00

	None	Total acres		Dollars	Cents
7. All vegetables for sale *(Do not include those grown for home use.)*	☐	575	/10	783 $	00
Specify kind(s)			/10	▨	▨
			/10	▨	▨

	None	Total acres		Quantity harvested		Dollars	Cents
8. All fruit and nut orchards, vineyards, and berries	☐	121	/10	▨		784 $	00
Specify kind(s)			/10		Lbs.	▨	▨
			/10		Lbs.	▨	▨

9. Other crops — *For additional crops, enter the crop name and code from the list below. Report quantity harvested in the unit specified with crop name.*

Crop name	Code	Acres harvested	Quantity harvested	Gross value of crops sold	
				Dollars	Cents
			1	2 $	00
			1	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Barley for grain (bushels)	079	Oats for grain (bushels)	076
Corn for silage or green chop (tons, green)	070	Sorghum for grain-milo (bushels)	082
Cotton (bales)	091	Other crops (pounds) — *Specify*	752

• PART B — NURSERY and GREENHOUSE CROPS GROWN FOR SALE on "THIS PLACE" in 1987

From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection	Acres in the open in 1987		Sales in 1987	
			Whole acres	Tenths	Dollars	Cents
			1	/10	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (include vegetable plants)	479	Potted flowering plants	710
Cut flowers and cut florist greens	485	Foliage plants	707
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Greenhouse vegetables	503
		Other — *Specify*	506

CONTINUE ON REVERSE SIDE →

LIVESTOCK and POULTRY

• PART A – CATTLE and CALVES

	None	INVENTORY Number on this place Dec. 31, 1987
1. CATTLE and CALVES of all ages	☐	803 Total
a. BEEF COWS – *Include beef heifers that had calved.*	☐	804 Beef cows
b. MILK COWS kept for production of milk or cream for sale or home use – *Include dry milk cows and milk heifers that had calved.*	☐	805 Milk cows

	None	Gross value of sales Dollars	Cents
2. Value of DAIRY PRODUCTS sold in 1987 – *Include milk, cream, butter, etc.*	☐	814 $	00

• **CATTLE and CALVES SOLD FROM THIS PLACE IN 1987**
Include as sold cattle moved from this place to a feedlot for further feeding.

	None	Number sold in 1987	Gross value of sales Dollars	Cents
3. Calves less than 500 pounds	☐	808	809 $	00
4. Cattle – *Include calves 500 pounds or more*	☐	810	811 $	00
a. Of ALL cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	00

• PART B – HOGS and PIGS

	None	INVENTORY Number on this place Dec. 31, 1987
1. HOGS and PIGS of all ages	☐	815 Total
a. HOGS and PIGS used or to be used for breeding	☐	816 Breeding

	None	Number sold in 1987	Gross value of sales Dollars	Cents
2. HOGS and PIGS SOLD from this place in 1987	☐	820	821 $	00
3. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	00

• PART C – SHEEP and LAMBS

	None	INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	▨

	None		
2. SHEEP and LAMBS SHORN in 1987	☐	827 Number	828 Pounds wool

	None	Gross value of sales Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?	☐	835 $	00

• PART D – POULTRY

	None	INVENTORY Number on this place Dec. 31, 1987	Number sold in 1987
1. HENS and PULLETS			
a. HENS and PULLETS of laying age	☐	883	893
b. PULLETS 3 months old or older not yet of laying age for layer replacement	☐	884	885
c. PULLETS under 3 months old for layer replacement	☐	886	
2. BROILERS, fryers, other meat-type chickens	☐	888	889
3. TURKEYS for slaughter *(Do not include breeders.)*	☐	900	901
4. OTHER POULTRY *(Enter name/code from below.)*			1

Poultry name ____________ Code ______

Name/code		Name/code		Name/code	
Turkey hens kept for breeding	902	Geese	906	Quail	912
Ducks	904	Pigeons or squab	908	All other poultry – *Specify*	914
		Pheasants	910		

	None	Gross value of sales Dollars	Cents
5. Value of POULTRY and POULTRY PRODUCTS (eggs, etc.) sold from this place in 1987?	☐	918 $	00

• PART E – HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, and FISH

	None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales Dollars	Cents
1. Horses and ponies of all ages	☐	830	831 Number	832 $	00
2. Colonies of bees	☐	839	840 Number 841 Pounds honey	842 $	00
3. Milk goats	☐	843	844 Number 845 Gallons milk	846 $	00
4. Angora goats	☐	847	848 Number 849 Pounds mohair	850 $	00
5. Other livestock, fish, animal products. *(Enter name/code from below.)*			1 Quantity	2 $	00

Name ____________ Code ______

Name/code		Name/code		Name/code	
Mules, burros, donkeys	833	Rabbits and their pelts	854	Other livestock, fish, and their products	857
Mink and their pelts	836	Other goats	851		

GOVERNMENT CCC LOANS

Amount received in 1987 from Government CCC loans. *Include regular and reserve loans, even if redeemed or forfeited.*

	None	Dollars	Cents
Specify crop(s) ______________________	☐	856 $	00

Payments received for participation in FEDERAL FARM PROGRAMS in 1987 *(DO NOT INCLUDE CCC loans.)*

	None	Dollars	Cents
1. Amount received in cash	☐	884 $	00
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates	☐	885 $	00

Acres in this place SET ASIDE, DIVERTED, or IDLED under FEDERAL acreage reduction programs in 1987

	None	Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	☐	852
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	☐	853

CHARACTERISTICS and OCCUPATION OF OPERATOR
(Senior partner or person in charge)

1. RESIDENCE — Does the operator live on this place? 923 ₁☐ Yes ₂☐ No

2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? *For partnerships consider all members of the partnership together.* 925 ₁☐ Farming or ranching ₂☐ Other

3. OFF-FARM WORK — How many days did the operator work at least 4 hours per day off this place in 1987? *—Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)* 929
- ₁☐ None
- ₂☐ 1—49 days
- ₃☐ 50—99 days
- ₄☐ 100—149 days
- ₅☐ 150—199 days
- ₆☐ 200 days or more

4. In what YEAR did the operator begin to operate any part of this place? 060 __________ Year

5. AGE of operator 925 __________ Years old

6. RACE of operator 924
- ₁☐ White
- ₂☐ Negro or Black
- ₃☐ American Indian
- ₄☐ Asian or Pacific Islander
- ₅☐ Other — *Specify* __________

7. SEX of operator 926 ₁☐ Male ₂☐ Female

8. SPANISH ORIGIN — Is the operator of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 927 ₁☐ Yes ₂☐ No

PERSON COMPLETING THIS REPORT — *Please print*

Name		999 Date
Telephone number	Area code ___	Number ___ – ____

FORM 87-A0400 (3-13-87)

FORM 87-A04(I)
(3-31-87)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

INFORMATION SHEET

1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "*(Name of partner)* has completed a report for the partnership *(provide name and CFN of partnership.)*"

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper. All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

► Section 2 — ACREAGE IN 1987

Your answers to this section will determine the land **(Acres in "THIS PLACE")** referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

Report all land in section 2 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchased contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

a. Land for agricultural use that you rented from others for cash

b. Land you worked on a share basis (crop or livestock)

c. Land owned by someone else that you used rent-free

d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

a. Owned land rented to others for cash or a share of crops or livestock

b. Land you rented from someone and then subleased to someone else

c. Land worked for you by someone for a share of crops or livestock

d. Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.

b. All your land was operated by a renter or sharecropper, skip to and complete section 10, and explain briefly, "All land rented out," etc. Mail form in return envelope.

c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

► Section 3 — LAND USE AND IRRIGATION

This section is used to classify the acres in "THIS PLACE" reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pasture, report the land in part A, item 1, "Cropland harvested."

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in part A, item 1 of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in part A, item 1.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," part A, item 3, the acres that represent the planted rows should be reported as "Cropland harvested," part A, item 1.

Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that receive supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation.

► Section 4 — CROPS

This section provides space for reporting crops harvested during the 1987 crop year from the land shown in section 2, item 4 (Acres in "THIS PLACE") of your report. A few crops are already listed on the form. For these crops, just report acres harvested, quantity harvested, and value of sales. If you produced crops not listed, write the name of the crop and code from the list provided and report the acres harvested, quantity harvested, and the value of sales.

DO NOT INCLUDE:

a. Any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

b. Crops or crop products purchased from others and later sold.

Acres Harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as potatoes.

Quantity Harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and the estimated quantity to be harvested.

Gross Value of Crops Sold — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE."

Item 7 — Vegetables — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Item 8 — Fruit Orchards, Citrus, Vineyards, and Nut Trees — Report only if total of 20 or more trees and vines, include those for home use as well as those maintained for sale of their production. Acres in trees and vines that have been abandoned should not be included, these acres should be included in section 3, part A, item 3 "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in item 8 and the total acres of the interplanted crop in the appropriate item.

Item 9 — Other Crops — To report: (1) find the crop name and the code number from the list under item 9; (2) enter crop name and code in the first two columns of the first available answer line under item 9; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. If you need additional space, use a separate sheet of paper to write the crop name(s), acres and quantity harvested, and gross value of crop(s) sold.

► Section 5 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Parts A, B, C, and D — LIVESTOCK AND POULTRY

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 2, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1. Dairy cattle and calves sold should be reported in section 5, part A.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 5, part A, item 4a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

a. Cattle and calves sold for further feeding

b. Dairy cows fed only the usual dairy ration before being sold

c. Veal calves, or any calves weighing less than 500 pounds

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owned the birds. Report as sold the number of poultry that were taken or moved from the place in 1987.

Part E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH

If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Fish and Other Aquaculture Products — Report quantity sold and gross value of sales for each.

► Section 6 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

► Section 7 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-Herd Dairy Buy-Out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

► Section 8 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "this place" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

► Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporation and Other Operations (Cooperatives, Estates, etc.) — Complete section 9 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

INDEX

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
A		
Abnormal farms	19	–
Acreage reduction program	7,10,48–53	5
Age of operator	1,16,48–53	1,10,16
Agricultural products sold, market value	1,2,10,18,47,48–53	1,2,16
Agricultural services income	5,48–53	4
Alfalfa hay	43,44,48–53	26
Alfalfa seed	43,44	26
Almonds	45,48–53	28
American Indian operator	17	34
Angora goats	41	18
Apples	45,48–53	28
Apricots	42	28
Aquacultural products	41	21
Artichokes	–	27
Asian or Pacific Islander operator	17	34
Asparagus	–	27
Assets, value	1,10–12,18, 47,48–53	1,5,8,16
Austrian winter peas	–	26
Avocados	45	28
B		
Bahia grass seed	–	26
Balers, pickup	13,48–53	8
Bananas	45	28
Barley for grain	1,42–44,48–53	1,15,16,24
Barley for grain sales, value	2,48–53	2,16
Beans, dry edible	42–44,48–53	15,16,25
Beans, dry lima	–	25
Beans, green lima	–	27
Beans, snap (bush and pole)	44,48–53	27
Beans, soybeans	1,42–44,48–53	1,15,16,25
Bedding plants	46	30
Beef cows	1,20,25,29,48–53	1,11,16
Bees, colonies	41	20
Beets, sugar	42–44,48–53	1,15,16,25
Beets, table	–	27
Bentgrass seed	–	26
Bermuda grass seed	–	26
Berries	42,44,48–53	29
Birdsfoot trefoil seed	–	26
Blackberries	–	29
Black operators and other races	16,17,48–53	32–34
Blueberries	44	29

Item	State tables	County tables
B—Con.		
Bluegrass seed, Kentucky	44	26
Boysenberries	–	29
Breeding hogs and pigs	32,48–53	12,16
Broccoli	–	27
Broilers	1,20–22,48–53	1,14,16
Bromegrass seed	–	26
Brussels sprouts	–	27
Buckwheat	–	24
Bulbs	46	30
Bulls, bull calves, steers, and steer calves	20,25,48–53	11,16
Burros, donkeys, and mules	41	23
C		
Cabbage	–	27
Cantaloups	44	27
Carrots	–	27
Cash, government farm programs payments	5	4
Cash rent, expenses	3,10,48–53	3,16
Cash rent or share payments received, farm-related income	5,48–53	4
Catfish sales	–	21
Cattle and calves	1,10,20,25,27,47, 48–53	1,11,16
Cattle and calves sales, value	2,20,26,31,47, 48–53	2,11,16
Cauliflower	–	27
Celery	–	27
Certificates, government farm programs payments	5	4
Chemicals, expenses	1,3,10,15,47,48–53	3,16
Chemicals used	15,48–53	9
Cherries	45,48–53	28
Chickens 3 months old or older	1,20,21,23,48–53	1,14
Chicory	–	27
Chinese cabbage	–	27
Chinese or ming peas	–	27
Christmas trees and forest products sales, farm-related income	5,48–53	4
Citrus fruit	45,48–53	28
Clover seed	–	26
Coffee	45	28
Collards	–	27
Colonies of bees	41	20
Combines, grain and bean, all types	13,48–53	16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
C—Con.		
Commercially mixed formula feed purchased	1,3,48–53	3,16
Commodity Credit Corporation loans	6,10,48–53	4
Conservation reserve programs	7,10,48–53	5
Contract labor expenses	3,10,48–53	3,16
Corn, field	1,42–44,48–53	1,15,16,24,31
Corn for grain sales, value	2,48–53	2,16
Corn, sweet	44,48–53	27
Corn, sweet, for seed	–	31
Corporation, family held	16,48–53	10,16
Corporation, nonfamily held	16,48–53	10,16
Corporation, type of organization	1,16,48–53	–
Cotton	1,42,44,47,48–53	1,15,16,25
Cotton sales, value	2,47,48–53	2,16
Cottonpickers and strippers	13,48–53	8
Cowpeas for dry peas	–	25
Cowpeas, green	–	27
Cows and heifers that had calved	20,25,48–53	11,16
Cranberries	44	29
Cropland diverted, set aside	7,10,48–53	5
Cropland for cover crops, legumes, and soil-improvement grasses	7,48–53	5
Cropland harvested	1,7,8,10,16,18,42,47,48–53	1,3,5,6,10,15,16
Cropland harvested, irrigated	8–10	7
Cropland idle	7,48–53	5
Cropland in cultivated summer fallow	7,48–53	5
Cropland on which all crops failed	7,48–53	5
Cropland pastured	7,48–53	5
Cropland total	1,7,10,47,48–53	1,5,16
Crops, farms reporting, acres, production	42	15,16
Cucumbers	44	27
Currants	–	29
Customwork, machine hire, and rental of machinery and equipment, expenses	3,10,48–53	3,16
Customwork and other agricultural services, farm-related income	5,48–53	16

Item	State tables	County tables
D		
Daikon	–	27
Dairy cows (milk cows)	1,10,20,25,30,47,48–53	1,11,16
Dairy products sales, value	2,47,48–53	2,11,16
Dates	–	28
Dewberries	–	29
Diesel fuel expenses	14,48–53	3
Dill for oil	–	31
Disease control in crops and orchards	15,48–53	9
Donkeys, burros, and mules	41	23
Ducks	–	14,22
Ducks, geese, and other poultry	21	14,22
E		
Eggplant	–	27
Electricity expenses	10,47,48–53	3
Emmer and spelt	–	24
Endive	–	27
Equipment and machinery	1,10,12,18,47,48–53	1,8,16
Escarole	–	27
Ewes 1 year old or older	38	13
Expenses, farm production	1,3,10,47,48–53	1,3,16
F		
Family held corporations	48–53	10,16
Family or individual, type of organization	1,16,48–53	10,16
Farm-related income	5,48–53	4
Farms by age and principal occupation of operator	16,48–53	10,16
Farms by size of farm	8,47,48–53	6,16
Farms by standard industrial classification	18,48–53	16
Farms by tenure of operator	16,48–53	10,16
Farms by type of organization	1,16,48–53	10,16
Farms by value of agricultural products sold	1,2,10,18,47,48–53	1,2,16
Farms, number	1,7,8,10,16,18,47,48–53	1,5,10,16
Fattened cattle sales	26,29,31,48–53	11,16
Feed purchased	1,3,47,48–53	3,16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
F—Con.		
Feeder pigs sales	20,33,35–37,48–53	12
Female operators	16,17,48–53	10
Fertilizer applied	15,48–53	9
Fertilizer expenses	3,10,15,47,48–53	3,16
Fescue seed	44	26
Field seed crops	44,48–53	26
Figs	–	28
Filberts	45	28
Fish sales	41	21
Flaxseed	42,44,48–53	24
Florist greens and flowers, cut	46	30
Flower and vegetable seeds	46	30
Flowering plants, potted	46	30
Flowers and florist greens, cut	46	30
Foliage plants	46	30
Forest products and Christmas trees sales, farm-related income	5,48–53	4
Foxtail millet seed	–	26
Fruit crops	45	15,16,28
Fruits, nuts, and berries sales, value	2,47,48–53	2,16
Fuel oil, kerosene, motor oil, grease, LP gas, etc., expenses	14,48–53	3
Full owners	16,48–53	10,16
G		
Garlic	–	27
Gas, natural, expenses	14,48–53	3
Gasoline and other petroleum fuel and oil expenses	14,48–53	3,16
Gasoline expenses	14,48–53	3
Geese	–	22
Geese, ducks, and other poultry	41	14,22
Ginger root	–	31
Goat milk sales	41	17
Goats	41,48–53	23
Goats, Angora	41	23
Goats, milk	41	17
Goats, other	41	23
Government farm programs payments	5,10,47,48–53	4
Grain hay	43,44	26
Grain sales, value	2,47,48–53	2,16
Grains	44,48–53	16
Grapefruit	45	28

Item	State tables	County tables
G—Con.		
Grapes	45,48–53	28
Grass silage, haylage, and green chop hay	43,44	26
Grazing permits	–	36
Grease, LP gas, fuel oil, kerosene, motor oil, etc., expenses	14,48–53	3
Greenhouse crops	42,46	30
Greenhouse vegetables	46	30
Guar	–	31
Guavas	45	28
H		
Hatcheries	–	22
Hay crops	1,42–44,48–53	1,15,16,26
Hay, silage, and field seeds sales, value	2,47,48–53	2,16
Haylage, grass silage, and green chop hay	43,44	26
Hazelnuts	45	28
Heifers and heifer calves	20,25,48–53	11,16
Hens and pullets of laying age	20,21,48–53	14,16
Herbs	–	31
Hired farm labor expenses	3,10,47,48–53	3,16
Hogs and pigs	1,10,20,32,35,47,48–53	1,12,16
Hogs and pigs sales, value	2,20,33,36,47,48–53	2,12,16
Hogs, litters farrowed	34,37,48–53	12
Honey sales	41	20
Honey tangerines	–	28
Honeydew melons	–	27
Hops	44	31
Horses and ponies	20,41,48–53	13
I		
Income from farm-related sources	5,48–53	10
Income, see net cash return	4,48–53	4
Individual or family, type of organization	1,16,48–53	10,16
Insects, chemical control	15,48–53	9
Interest, debt not secured by real estate	3,48–53	3
Interest, debt secured by real estate	3,48–53	3
Interest expenses	1,3,10,47,48–53	3,16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
I—Con.		
Irish potatoes	1,42-44,48-53	1,15,16,25
Irrigated farms and acres	1,8-10	1,7
J		
Jojoba	–	31
K		
Kale	–	27
Kentucky bluegrass seed	44	26
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses	14,48-53	3
Kiwifruit	–	28
Kumquats	–	28
L		
Labor expenses	1,3,10,47,48-53	3,16
Land and buildings, value	1,10,11,47,48-53	5,16
Land in farms	1,7,8,10,16,18,47, 48-53	1,5,10,16
Land owned	10,48-53	–
Land rented from others	48-53	–
Land rented to others	48-53	–
Land set aside in federal farm programs	7,10,48-53	1
Land use	7,8,10,47,48-53	5
Lemons	45	28
Lentils	44	25
Lespedeza seed	–	26
Lettuce and romaine	44	27
Lima beans, dry	–	25
Lima beans, green	–	27
Lime applied	15,48-53	9
Limes	–	28
Litters farrowed	34,37,48-53	12
Livestock and livestock products sold	20	–
Livestock and poultry	20	1,16
Livestock and poultry purchased	1,3,10,47,48-53	3,16
Livestock, poultry, and their products sales, value	1,2,10,18,20,47	1,2,16
Loans, Commodity Credit Corporation	6,10,48-53	4
Loganberries	–	29
Lotus root	–	31
LP gas, fuel oil, kerosene, motor oil, grease, etc., expenses	14,48-53	3

Item	State tables	County tables
M		
Macadamia nuts	45	28
Machine hire, rental of machinery and equipment, and customwork expenses	3,10,48-53	3,16
Machinery and equipment	1,10,12,18,47,48-53	1,8,16
Male operators	16,17,48-53	10
Mangoes	–	28
Melons	–	27
Milk cows (dairy cows)	1,10,20,25,30,47, 48-53	1,11,16
Milk goats	41	17
Millet, proso	44	24
Millet seed, foxtail	–	26
Mink and their pelts	41	19
Mint for oil	44	31
Mohair sales	41	18
Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses	14,48-53	3
Motortrucks, including pickups	13,48-53	8,16
Mower conditioners	13,48-53	8
Mules, burros, and donkeys	41	23
Mungbeans for beans	–	31
Mushrooms	46	30
Mustard cabbage	–	27
Mustard greens	–	27
Mustard seed	–	24
N		
Natural gas expenses	14,48-53	3
Nectarines	–	28
Nematode control in crops	15,48-53	9
Net cash return from agricultural sales	4,48-53	4
Nonfamily held corporations	16,48-53	10,16
Number of farms	1,7,8,10,16,18,47, 48-53	1,5,10,16
Nursery and greenhouse crops	42,46	30
Nursery and greenhouse crops sales, value	2,42,46,47,48-53	2,16,30
Nursery crops-shrubs, trees, etc.	46	30
O		
Oat sales, value	2,48-53	2,16
Oats for grain	1,42-44,48-53	1,15,16,24
Occupation of operator	1,16,48-53	1,10,16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
O—Con.		
Off-farm work by operator	1,16,48–53	1,10,16
Okra	–	27
Olives	–	28
Onions, dry and green	44	27
Operator characteristics–residence, age, race, occupation, off-farm work, sex, Spanish origin, years on present farm	16,17,48–53	10,16
Oranges	45	28
Orchardgrass seed	–	26
Orchards	1,42–44,48–53	1,15,16,28
Organization of farm	1,16,48–53	10,16
Other farm production expenses	5,48–53	3,16
Other field crops sales, value	2,48–53	2,16
Other grains sales, value	2,48–53	2,16
Other livestock and livestock products sales, value	2,47,48–53	2,16
Other poultry	–	22
Owned land	10,48–53	–
P		
Papayas	45	28
Parsley	–	27
Part owners	16,48–53	10,16
Partnership, type of organization	1,16,48–53	10,16
Passion fruit	–	28
Pastureland and grazing land	7,48–53	5
Pastureland and other land irrigated	9	7
Payroll expenses	1,3,10,47,48–53	3,16
Peaches	45,48–53	28
Peanuts for nuts	42–44,48–53	1,15,16,25
Pears	45	28
Peas, Austrian winter	–	26
Peas, Chinese or ming	–	27
Peas, dry edible	44	25
Peas, green	44,48–53	27
Pecans	45,48–53	28,
Peppers	–	27
Persimmons	–	28
Petroleum products expenses	3,10,14.48–53	3,16
Pheasants	–	22
Pickup balers	13,48–53	8
Pigeons or squab	–	22

Item	State tables	County tables
P—Con.		
Pimientos	–	27
Pineapples	1,42,44,48–53	1,15,16,31
Pistachios	–	28
Plums	,45	28
Pomegranates	—	28
Ponies and horses	20,41,48–53	13
Popcorn	44	24
Potatoes, Irish	1,42–44,48–53	1,15,16,25
Potatoes, sweet	42,44,48–53	25
Poultry and poultry products sales value	2,20,48–53	2,16
Poultry hatched	–	22
Principal occupation of operator	1,16,48–53	1,10,16
Production expenses	1,3,10,47,48–53	1,3,16
Property taxes, expenses	3,10,48–53	3,16
Proso millet	44	24
Prunes	45	28
Pullets	22	14
Pumpkins	–	27
Q		
Quail	–	22
R		
Rabbits and their pelts	41	23
Race of operator	16,46–53	34
Radishes	–	27
Rangeland	7,48–53	5
Rapeseed	–	31
Raspberries	44	29
Redtop seed	–	26
Rent paid in cash, expenses	3,10,48–53	3,16
Rent received, farm-related income	5,48–53	4
Repair and maintenance expenses	3,10,48–53	3,16
Residence of operator	16,48–53	10,16
Rhubarb	–	27
Rice	1,42–44,48–53	1,15,16,24
Romaine and lettuce	44	27
Rye for grain	42,44	24
Ryegrass seed	44	26
S		
Safflower	–	24
Sales of agricultural products	1,2,10,18,47,48–53	1,2,16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
S—Con.		
Salt hay	–	31
Seeds, bulbs, plants, and trees purchased	3,10,48–53	3
Set aside programs, acreage	7,10,48–53	5
Sex of operator	16,17,48–53	10
Shallots	–	27
Sheep and lambs	10,20,38,39,48–53	1,13,16
Sheep and lambs shorn	38,48–53	13
Sheep, lambs, and wool sales, value	2,20,38,47,48–53	2,13,16
Size of farm, average	1,48–53	1,16
Small grain hay	43,44	26
Snap beans, bush and pole	44,48–53	27
Sod	46	30
Sorghum	1,42–44,48–53	1,15,16,24 26,31
Sorghum for grain sales, value	2,48–53	2,16
Southern peas (cowpeas), dry	–	25
Southern peas (cowpeas), green	–	27
Soybeans	1,42–44,48–53	1,15,16,25
Soybeans sales, value	2,48–53	2,16
Spanish origin, operators of	16,17,48–53	35
Spelt and emmer	–	24
Spinach	–	27
Squash	–	27
Standard industrial classification of farms	18,48–53	2,16
Steers, steer calves, bulls, and bull calves	20,25,48–53	11,16
Strawberries	43,44	29
Sudangrass seed	–	26
Sugar beets	42-44,48–53	1,15,16,25
Sugarcane	1,42–44,48–53	1,15,16,25
Sunflower seed	1,42,44,48–53	1,15,16,24
Sweet corn	44,48–53	27
Sweet corn for seed	–	31
Sweet potatoes	42,44,48–53	25
T		
Tame dry hay	43,44	16,26
Tangelos	–	28
Tangerines	–	28
Taro	–	31
Taxes, property, expenses	5,48–53	3
Tenant operated farms	16,48–53	10,16

Item	State tables	County tables
T—Con.		
Tenure of operator	16,48–53	10,16
Timothy seed	–	26
Tobacco	1,42–44,48–53	1,15,16,25
Tobacco sales, value	2,47,48–53	2,16
Tomatoes	44,48–53	27
Tractors, wheel	13,48–53	8,16
Triticale	–	24
Trout sales	–	21
Trucks, including pickups	13,48–53	8,16
Turkeys	20,21,24,48–53	14
Turnip greens	–	27
Turnips	–	27
Type of farm	18,48–53	16
Type of organization	1,16,48–53	1,10,16
V		
Value of agricultural products sold	1,2,10,18,47,48–53	1,2,16
Value of land and buildings	1,10,18,48–53	5,16
Value of machinery and equipment	1,10,12,18,47,48–53	1,8,16
Vegetable and flower seeds	46	30
Vegetables, greenhouse	46	30
Vegetables harvested for sale	1,42–44,48–53	1,15,16,27
Vegetables, sweet corn, and melons sales, value	2,47,48–53	2,16
Vetch seed	–	26
W		
Walnuts, English	45,48–53	28
Watercress	–	27
Watermelons	44	27
Weeds, chemical control	15,48–53	9
Wheat for grain	1,42–44,48–53	1,15,16,24
Wheat sales, value	2,48–53	2,16
Wheatgrass seed	–	26
Wheel tractors	13,48–53	8,16
Wild hay	43,44	26
Wild rice	–	24
Woodland	1,7,48–53	5
Wool, pounds shorn	38,48–53	13
Work off-farm by operator	1,16,48–53	1,10,16
Y		
Years on present farm	47,48–53	16

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PUBLICATION PROGRAM

1987 CENSUS OF AGRICULTURE

Results of the 1987 Census of Agriculture are being published in a series of reports which provide data for each county (or equivalent), each State, the United States, Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. The publications include statistics on the number of farms; land in farms; farm and operator characteristics; livestock, poultry, and their products; crop production and value; operating expenditures; irrigation; and other characteristics of farms.

Publication order forms may be obtained from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233, any U.S. Department of Commerce district office, or by calling (301) 763-1113.

ADVANCE REPORTS (AC87-A-01-000(A) TO 56-000(A)

Advance Reports are published separately for each county (or equivalent) in the United States with 10 farms or more, for each State, and the United States. The reports contain data for all agricultural operations with $1,000 or more in actual or potential sales of agricultural products in the census year. The Advance Reports contain final data for major data items together with comparable data from the 1982 census. Included in the reports are data on number of farms, land in farms, size of farms, land use practices, farm operator characteristics, sales expenditures, machinery and equipment, livestock, poultry, dairy products sold, and major crops harvested (which vary by State). No advance reports are available for Puerto Rico, Guam, or the U.S. Virgin Islands.

VOLUME 1. GEOGRAPHIC AREA SERIES (AC87-A-1 TO 56)

State and County Data (A-1 to 50) are published showing detailed data in national and State tables for the United States, and in county and State tables separately for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and occupation of operators; types of organization; value of products sold; and standard industrial classification of farms.

Summary and State Data (A-51)

- Chapter 1. National level data
- Chapter 2. State level data

Outlying Areas (A-52 to 56) provide detailed data for the regions and municipios of Puerto Rico; the election districts of Guam; the U.S. Virgin Islands; American Samoa; and Northern Mariana Islands.

VOLUME 2. SUBJECT SERIES (AC87-S-1 TO 6)

Agricultural Atlas of the United States (AC87-S-1), formerly the *Graphic Summary*, presents a profile of the Nation's agriculture in a series of dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms.

Coverage Evaluation (AC87-S-2) provides national and regional level estimates on the completeness of the census, in terms of both the number of farms missed and selected characteristics of those farms.

Ranking of States and Counties (AC87-S-3) presents the ranking of the top 20 States and the top 100 counties of importance of selected items from the 1987 census. Comparative data from the 1982 census are included in most tables. Tables also show cumulative totals for States and counties.

History (AC87-S-4) is a concise description of the major census operations together with facsimiles of selected data tables. It explains the history of the agriculture census, farm definition, data collection and processing, and dissemination of census data.

Government Payments and Market Value of Agricultural Products Sold (AC87-S-5) shows detailed data for farms cross-tabulated by combined market value of agricultural products sold and Government payments received, including detailed national data and selected data for each State.

ZIP Code Tabulations of Selected Items From the 1987 Census of Agriculture (AC87-S-6) provides tabulations by five-digit ZIP Code for selected items from the 1987 census. Data items include number of farms, land in farms, farms by size, market value of agricultural products sold by size of sale, livestock inventory, cropland harvested, and selected crops.

VOLUME 3. RELATED SURVEYS (AC87-RS-1 AND 2)

The Farm and Ranch Irrigation Survey (AC87-RS-1) provides statistical data collected from a sample of farm operations from the 1987 Census of Agriculture. The publication offers information on acres irrigated, land use, yields of specified crops, methods of water distribution, quantity of water used by its source, and other irrigation practices.

Agricultural Economics and Land Ownership Survey (AC87-RS-2) provides data on indebtedness, expenditures, income and assets for both farm operators and landlords. This report also includes measures of credit used for purchases and expenditures, debt by type of lender, assets, off-farm income, and other land ownership data.

VOLUME 4. CENSUS OF HORTICULTURAL SPECIALTIES (AC87-HOR-1)

This report includes detailed information on the horticultural establishments with production and sales of $2,000 or more. It provides data on number of establishments, value of sales of horticultural products, type of horticultural products, and kinds of horticultural businesses, for the United States, States, and counties.

ELECTRONIC MEDIA

Flexible Diskette—The Advance Reports of the 1987 Census of Agriculture are available on flexible diskettes. The files can be used with any compatible microcomputer employing the PC-DOS 2.0 or higher operating system. Diskettes can be obtained by calling (301) 763-4100.

Computer Tapes—Public-use computer tapes contain the same summary statistics that are found in the published reports. Two files are available for each State: data for counties and the aggregated State-level data. Order forms may be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

Compact Disc-Read Only Memory (CD-ROM)— Data for the conterminous United States and Puerto Rico are available on CD-ROM. The CD-ROM can be obtained from the Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233 (or call (301) 763-4100).

Online Access— National and State level data from the 1987 Census of Agriculture are available on CENDATA through two information vendors— CompuServe and DIALOG. In addition, the advance reports, highlights of the Subject Series, and Related Surveys reports, are available online from AGRIDATA. For information on these services call (301) 763-4100.